



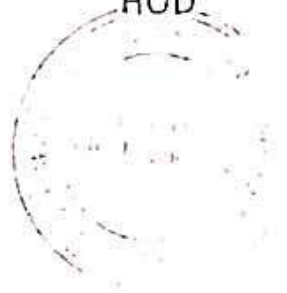
DEPARTMENT OF CIVIL ENGINEERING
2019-2020

PROJECT BATCH LIST

BATCH-1

S.No	H.T.No of students	Name of the students	Name of the Guide	Title of the project
1	15E31A0132	SHAIKH MOHAMMED SAMIR	M.SAI KUMAR SAGAR	PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH COCONUT SHELLS

[Signature]
HOD



[Signature]

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MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY

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Keshavagiri (P.O), Hyderabad- 500005

DEPARTMENT OF CIVIL ENGINEERING



ESTD : 2001

CERTIFICATE

This is to certify the project report title

"PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH COCONUT SHELLS"

Submitted by

SHAIKH MOHAMMED SAMAIR

15E31A0132

The results embodied in this report have not been submitted to any other university for the award of any degree.

INTERNAL GUIDE

MAMIDI SAI KUMAR SAGAR

HEAD OF THE DEPARTMENT

MR. CH. SWETHAMBER

EXTERNAL GUIDE

PRINCIPAL

Dr. K.S.S.S.N. REDDY

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 Vyasapur, Bandlaguda, Post : Keshavgi, Hyderabad - 500 005.
DEPT. OF EEE

B.Tech Major Project Batches

S.No	Batch No.	Hall Ticket No.	Name of the Student	Grade	Guide Name	Title
1	1	16E31A0211	JYESTA RAJESWARI		Dr.M.Sudhakaran	Single- wire Earth Return Electric Distribution power grids for three phase system using unified power Quality conditioner
2		16E31A0227	RENDLA RANJITH			
3		17E35A0202	AVANIGANTI SATEESH			
4		17E35A0209	MUNISHETTI NIKHARIKA			
5	2	16E31A0202	AKKALADEVI RAMYASRI		P.V.V Satyanarayana	Control of DFIG Wind power generator in unbalanced microgrids based on instantaneous power theory
6		16E31A0210	JADAV SATHISH			
7		16E31A0213	KARLA GNANAPRASUNA			
8		17E35A0204	CHOPPARI ABHILASH			
9	3	16E31A0207	DESHWAL VINEETH		A.Mahesh	Bipolar Operation investigation of current source converter -based wind energy conversion systems
10		16E31A0218	M PAVAN KUMAR			
11		16E31A0228	ROSHAN PATNAIK			
12		16E35A0202	ERRALLA DEEPAK			
13	4	16E35A0201	ABDUL RAHEMAN		G.Prem Kumar Reddy	Design and Performance analysis of three phase solar PV integrated UPQC
14		16E35A0221	MS MANSI DUBEY			
15		16E35A0229	S KRISHNAVAMSI			
16	5	16E31A0209	GUDIPATI VEENA		B.Satish	Power Quality Enhancement for a Grid Connected Wind Turbine Energy system
17		16E31A0224	PITTALA PAVAN KALYAN			
18		16E31A0226	RAJARAPU VIJAY			
19		17E35A0208	K KEERTHANA			
20	6	16E31A0212	K VEERESH		R.Kalyani	Multifunctional grid connected inverter interfaced by wind energy conversion system
21		16E31A0225	PUNNA VAISHNAVI			
22		17E35A0203	BANDLA PAVANI			
23		17E35A0205	DONGALA NARESH			
24	7	16E31A0223	PINREDDY AJITH REDDY		Jothirmai	Design and control of micro grid fed by Renewable Energy generating sources
25		17E35A0206	EGURLA MADHU			
26		17E35A0212	YADAGIRI LALITH KUMAR			
27		17M35A0204	BANDI SURYA			
28	8	16E31A0214	MANDADI SOUNDARYA		Dr.M.Rajendar Reddy	An improved adaptive P& O Technique for two stage grid interfaced SPVECS
29		17E35A0201	ARMUR AVINASH			
30		17E35A0210	NAMPELLY NIKHIL			


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31		15E31A0226	N NANDU VARDHAN REDDY		G.Jyothi	Extraction of maximum power from a solar PV system using Fuzzy controller based MPPT Technique
32	9	16E31A0206	BYRA NAGARANI			
33		17E35A0207	GADIDASULA NARESH			
34		17E35A0211	PATHIPAKA SAI KIRAN			
35		17M35A0201	A CHANDRA KUMAR			

K. Sankar

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A MAJOR PROJECT REPORT

ON

“SINGLE WIRE EARTH RETURN ELECTRIC DISTRIBUTION POWER
GRIDS FOR THREE PHASE SYSTEM USING UNIFIED POWER QUALITY
CONDITIONER”

Submitted to

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)

In the partial fulfillment of the requirements for the award of Degree of
BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

SUBMITTED BY

J.RAJESWARI	16E31A0211
M.NIHARIKA	17E35A0209
R.RANJITH	16E31A0227
A.SATHEESH	17E35A0202

Under the guidance of
DR.M SUDHAKARAN (Asst. Professor)



ESTD : 2001

K. S. S.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
MAHAVEER INSTITUTE OF SCIENCES AND TECHNOLOGY

Vyasapuri, Bandlaguda, post - Keshavagiri, Hyderabad - 500005

2019-2020

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CERTIFICATE


This is to certify that the project work entitled "MULTIFUNCTIONAL GRID CONNECTED INVERTER INTERFACED BY WIND ENERGY CONVERSION SYSTEM" is submitted by

D.NARESH	17E35A0205
P.VAISHNAVI	16E31A0225
K.VEERESH	16E31A0212
B.PAVANI	17E35A0203

In partial fulfillment of the requirements for the degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad during the academic year 2019-20, is a bonafide record of work carried out as per academic course for the award of the degree.


Project Guide

R. Kalyani, *Asst. Prof.*


Head of the Dept.

Dr. M. Rajendhar Reddy, *Ph.D*

Project Coordinator

Prof. P.V.V. Satyanarayana



External Examiner

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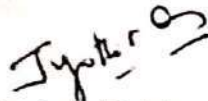
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This is to certify that the project work entitled "DESIGN AND CONTROL OF MICRO-GRID FED BY RENEWABLE ENERGY GENERATING SOURCES" is submitted by

E. MADHU	17E35A0206
P. AJITH REDDY	16E31A0223
Y. LALITH KUMAR	17E35A0212
B. SURYA	17M35A0204

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Project Guide

Jyothir Mai, M.Tech (Asst. Prof.)

Project Coordinator

Prof. P.V.V. Satyanarayana



Head of the Dept.

Dr. M. Rajendhar Reddy, Ph.D

External Examiner



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CERTIFICATE

This is to certify that the project work entitled **CONTROL OF DFIG WIND POWER GENERATORS IN UNBALANCED MICROGRIDS BASED ON INSTANTANEOUS POWER THEORY** is submitted by

K. GNANAPRASUNA	16E31A0213
A. RAMYA SRI	16E31A0202
CH.ABHILASH	17E35A0204
J.SATHISH	16E31A0210


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Project Guide

Prof. P.V.V. Satyanarayana


Project Coordinator

Prof. P.V.V. Satyanarayana


Head of the Dept.

Dr. M. Rajendhar Reddy, Ph.D.

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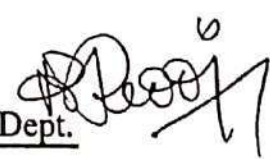
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Project Guide

Prof. P.V.V. Satyanarayana


Project Coordinator

Prof. P.V.V. Satyanarayana


Head of the Dept.

Dr. M. Rajendhar Reddy, Ph.D.

External Examiner


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P. AJITH REDDY	16E31A0223
Y. LALITH KUMAR	17E35A0212
B. SURYA	17M35A0204

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Jyothi Mai
Project Guide

Jyothir Mai, M.Tech (Asst. Prof.)

Project Coordinator

Prof. P.V.V. Satyanarayana

Dr. M. Rajendhar Reddy

Head of the Dept.

Dr. M. Rajendhar Reddy, Ph.D

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CERTIFICATE

This is to certify that the project work entitled "HARMONICS REDUCTION AND POWER QUALITY IMPROVEMENT BY USING DPFC" Submitted by _____

MALKAPALLY SRINIVAS	17M35A0212
P. RAGHAVENDRA	17M35A0217
G. VISHAL	17M35A0207

In partial fulfillment for the requirements for the Degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the academic year 2018-21, is a bonafide record of the work carried out by him as per academic course for the award of the degree.


PROJECT GUIDE
MOHAMMED.MASOOD

Assistant Professor


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INTERNAL EXAMINER


HEAD OF THE DEPT [E.E.E]
DR.M. RAJENDAR REDDY

Professor

EXTERNAL EXAMINER



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CERTIFICATE

This is to certify that the project work entitled "AN IMPROVED ADAPTIVE P&O TECHNIQUE FOR TWO STAGE GRID INTERFACED SPVECS" is submitted by

N.NIKHIL	17E35A0210
A.AVINASH	17E35A0201
M.SOUNDARYA	16E31A0214
N.NANDU	
VARDHANREDDY	15E31A0226

In partial fulfilment of the requirements of degree of Bachelor of Technology in **ELECTRICAL AND ELECTRONICS ENGINEERING** of **MAHAVEER**

INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad during the academic year 2019-20, is a bonafide record of work carried out as per academic course for the award of the degree.

Project Guide

Dr.M.Rajendar Reddy, Ph.D.

Head of the Dept.

Dr.M.Rajendar Reddy, Ph.D.

Project Coordinator

Prof. P.V.V. Satyanarayana

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CERTIFICATE

This is to certify that the project work entitled "BIOPLAR OPERATION INVESTIGATION OF CURRENT SOURCE CONVERTER-BASED WIND ENERGY CONVERSION SYSTEMS" Submitted by

PAVAN KUMAR [16E31A0218]

ROSHAN PATNAIK [16E31A0228]

VINEET DESHWAL [16E31A0207]

ERRALLA DEEPAK [16E35A0202]

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Handwritten signature and date: 23/9/2020

PROJECT GUIDE
A.MAHESH KUMAR
Associate Professor

INTERNAL EXAMINER

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HEAD OF THE DEPT [E.E.E]
Dr.M.Rajendar Reddy
Professor

EXTERNAL EXAMINER

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CERTIFICATE


This is to certify that the project work entitled "DESIGN AND PERFORMANCE ANALYSIS OF THREE PHASE SOLAR PV INTEGRATED UPQC" Submitted by

MANSHI DUBEY	[16E31A0221]
ABDUL RAHEMAN	[16E31A0201]
S. KRISHNA VAMSI	[16E31A0229]

In partial fulfillment for the requirements for the Degree of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad, during the academic year 2019-20, is a bonafide record of the work carried out by him as per academic course for the award of the degree.


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G. Prem Kumar Reddy
Associate Professor


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HEAD OF THE DEPT [HOD E.E.E]
Dr.M.Rajendar Reddy
Professor



DEPARTMENT OF MECHANICAL ENGINEERING
MAIN PROJECT LIST-2019-2020

Batch No	HT.NO	NAME OF THE STUDENT	Title of the Project	Name of the Guide
1	16E31A0306	G VENU GOPAL	DESIGN, MANUFACTURING AND FABRICATION OF ALL TERRAIN VEHICLE	B. NAGESWAR
	16E31A0307	GADDI SUDHAMSHU		
	16E31A0329	PUNEET RAJ CHAVAN		
	16E31A0331	R VAYU PUTHRA		
	16E31A0339	THOTA PAVAN KUMAR		
2	16E31A0337	TEJAVATH SRIKANTH	FABRICATION OF BATTERY POWERED ELECTRIC VEHICLE AND DESIG, STRUCTURAL ANALYSIS OF DISC BRAKE	B. VENKATESWAR REDDY
	16E31A0338	THONGAR NARAYANA		
	16E31A0301	B PRAVEEN KUMAR		
3	16E31A0327	PONNURU UPENDRA	ATMOSPHERIC WATER GENERATOR	MD SAZZAD
	16E31A0395	G RAMAKRISHNA		
	16E31A0323	N SRIKANTH REDDY		
	16E31A0326	PATLOLLA PRASHANTH REDDY		
	16E31A0328	PULIJALA ANIL		



4	16E31A0308	GAJJELLI VAMSHI KRISHINA	EXPERIMENTAL INVESTIGATION ON EFFECTS OF THE MAGNETIC FIELD ON MATERIAL REMOVAL RATE AND TOOLWEAR RATE IN EDM	G K. SHANMUKH DEV
	16E31A0314,	LUNAVATH GANESH		
	16E31A0313	KOVA SAIKUMAR		
	16E31A0324	NALLA TEJASWI		
5	16E31A0340,	YELTI SREYA	MEASUREMENT OF ELASTIC MODULUS BY USINGULTRASONIC WAVEGUIDE	T. SHAHINSHA
	16E31A0320,	MOHD ABDUL AHTESHAM UL HASNAIN		
	16E31A0325	PANUGANTI SAI KIRAN GOUD		
6	16E31A0318,	MOHAMMED MUBEEN QURESHI	AUTOMATED GUIDED VEHICLE WITH ROBOTIC ARM	MDSAZZAD
	16E31A0336,	SYED ZAINUDDIN ABED		
	16E31A0334	SHAIK MUJAFFER		
	16E31A0319	MOHD ABDUL SAMEER		
	16M31A0315	MOHD SHAREEF JAVEED		
7	16E31A0353	ISHRATH UNNISA BEGUM	MODELLING OF BATTERY POWERED VEHICLE AND ANALYSIS OF STEERING SYSTEM	DR.B. NAGESWARA RAO
	16E31A0354	KATPALLY SRENU REDDY		
	14E31A0357	MOHAMMED FARHAN AHMED		



8	17E35A0318	BIHANU CHANDER	EXPERIMENTAL INVESTIGATION ON EFFECTS OF THE MAGNETIC FIELD ON MATERIAL REMOVAL RATE AND TOOL WEAR RATE IN EDM	G. K. SHANMUKH DEV
	16E31A0351	EDAM SAIRAM		
	16E31A0343	AKASH SABNANI		
9	16E31A0361	KUDUTHALA AKHIL	FABRICATION OF BATTERY POWERED ELECTRIC VEHICLE AND DESIGN STRUCTURAL ANALYSIS OF DISC BRAKE	B. VENKATESWAR REDDY
	15E31A0359	SYED MUSTAFA AHMED		
	17E35A0302	B.MAHESH		
10	16E31A0358	KOMMIDI SHRAVAN REDDY	MINIMIZATION OF SINK MARK DEFECT IN INJECTION MOULDING PROCESS	P. DURGA RAVI PRASAD
	16E31A0344	AMERINANI ANIL KUMAR		
	16E31A0362	MADHAGONE AKHIL TEJA		
11	16E31A0377	SHIVA KUMAR REDDY	EXPERIMENTAL COMPARISON OF TENSILE AND COMPRESSIVE STRENGTHS OF PLA AND ABS MATERIALS USING FDM	D. SANTHOSH KUMAR
	17E35A0319	RAGHAVENDRA REDDY		
	16E31A0345	ARAKALA SHIVA		

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12	17E35A0321	SYED SOHAIL AHMED	EXPERIMENTAL SETUP FOR HEAT TRANSFER ANALYSIS ON RECTANGULAR PLATE BY NATURAL CONVECTION	B. NAGESWAR
	15E31A0326	MD ABUBAKAR SIDDIQ		
	17E35A0320	SHAIK MINHAIJ UDDIN		
13	17E35A0305	GOMASA HARSHAVARDHAN	DESIGN AND ANALYSIS OF CRANE HOOK USING DIFFERENT MATERIALS USING VARYING CROSS-SECTIONS	M. SONACHALAM
	17E35A0312	MD ASIF		
	16E31A0370	PYATA PRASHANTH KUMAR		
	15E31A0307	B VIJAY KUMAR		
14	16E31A0365	MOHAMMED RIZWANUDDIN	DESIGN OF PROTOTYPE OF HUMANOID ROBOT	E. KRISHNA DEEPAK
	16E31A0364	MOHAMMED LUQMAN ZAKI		
	16E31A0374	SYED OMAIR AHMED		
15	17E35A0313	MOGUNURI NARENDRA	DESIGN AND CFD ANALYSIS OF VERTICAL AXIS WIND TURBINE ROTOR	B. VENKATESWAR REDDY
	17E35A0308	KARISHA SURESH		
	17E35A0310	KUMMARA PAVANKUMAR		
16	17E35A0314	MOHAMMED ABDUL RAQEEB	IMPROVING THE PERFORMANCE OF AN ENGINE BLOCK BY VARYING COOLING FLUIDS	P. DURGA RAVI PRASAD
	16E31A0376	TUMMALA PALLY VINAY REDDY		
	16E31A0369	PULUGARI JAGADEESHWAR REDDY		
	16E31A0378	VALGOTE NIKHIL KUMAR		
	16E35A0309	T RAJEEV SEKHAR		



17	17E35A0301	ALAKANTI SWARAJYAM	DESIGN AND FABRICATION OF PORTABLE 3D PRINTER	D. SANTHOSH KUMAR
	17E35A0304	BODIGAM SRINATHI		
	15E31A0324	K.SAITEJA		
	17E35A0322	SRIKANTH		
18	17E35A0306	JAMPALA SAIKUMAR	DESIGN, ANALYSIS AND FABRICATION OF LOW SURFACE FINISHING MACHINE	P. PRAVEEN KUMAR REDDY
	17E35A0309	KONKATA KARTHIK		
	16E31A0356	KOLLA RAJASHEKAR REDDY		
	17E35A0303	BHOOMENI VENKATA SAI		
	16E31A0360	KOTHALAPURAM ANUSHA		
19	16E31A0379	YATA VISHNUVARDHAN REDDY	COMPARATIVE DESIGN AND ANALYSIS OF IC ENGINE PARTS USING CONVENTIONAL AND ALUMINUM BASED ALLOYS	M.SONACHALAM
	17E35A0311	MAHESH		
	16E31A0346	BAGI VIJENDER REDDY		
	16E31A0352	ERLA MAHENDRA KUMAR		
20	16E31A0342	ABU SUFYAN MALIK	MEASUREMENT OF ELASTIC MODULUS BY USING WAVEGUIDE	T. SHAHINSHA
	16E31A0350	DEVI SHRI PRASAD PATANGI		
	16E31A0368	PATHAKOTI JAGADISH		
	16E31A0371	SHAIK SAMEER		

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HOD

Dr.B.Nageswara Rao
DEPARTMENT OF MECHANICAL ENGINEERING

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "EXPERIMENTAL INVESTIGATION ON EFFECTS OF THE MAGNETIC FIELD ON MATERIAL REMOVAL RATE AND TOOL WEAR RATE IN EDM" is submitted by N.Tejaswi, L.Ganesh, G.Vamshi Krishna, K.Sai Kumar in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

G.K. Shanmukh Dev

Mr. G K .SHANMUKH DEV
Associative Professor
Project Guide

B.N.Rao

DR. B.NAGESWARA RAO
Head of the Department
Head of Department
Mechanical Engg.

K.S.S.S.N.Reddy

DR. K.S.S.S.N.REDDY

PRINCIPAL
Principal
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Bandlaguda, Hyd- 500 005

EXTERNAL EXAMINER

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

BANDLAGUDA -500 005, HYDERABAD, TELANGANA



Department of Mechanical Engineering

DECLARATION

We the team of 'MT-180', are students of 'Bachelor of Technology in Mechanical Engineering', session: 2019 - 2020, Mahaveer Institute of Science and Technology, Bandlaguda, Hyderabad, hereby declare that the work presented in this Project Work entitled "DESIGN, MANUFACTURING AND FABRICATION OF ALL TERRAIN VEHICLE 'MT-180'" is the outcome of our own bonafide work and is correct to the best of our knowledge and this work has been undertaken taking care of Engineering Ethics. It contains no material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

B.Nageswar

Project Guide

DR. K.S.S.N.REDDY
PRINCIPAL
MAHAVEER
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Bandlaguda, Hyd. - 500 005

DR. B.NAGESWARA RAO
Head of the Department
Head of Department
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EXTERNAL EXAMINER

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

Vyasapuri, Bandlaguda, Keshavagiri Post, Hyderabad-500005.

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "EXPERIMENTAL INVESTIGATION ON EFFECTS OF THE MAGNETIC FIELD ON MATERIAL REMOVAL RATE AND TOOL WEAR RATE IN EDM" is submitted by P.Bhamu chander, E.Sairam, Akash Subnani in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020

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G.K. Shanmukh Dev
Mr. G K .SHANMUKH DEV
 Associative Professor
 Project Guide

B.N.R.
DR. B.NAGESWARA RAO
 Head of the Department
 Head of Department
 Mechanical Engg.

K.S.S.S.N.Reddy
DR. K.S.S.S.N.REDDY
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MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

Vyasapuri, Bandlaguda, Keshavagiri Post, Hyderabad-500005.

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "DESIGN AND FABRICATION OF PORTABLE 3DPRINTER" is submitted by A. SWARAJYAM, B. SRINATHI, V. SRIKANTHI, K. SAI TEJA in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

(Mr. D. SANTHOSH KUMAR)
Assistant Professor
Project guide

DR. B. NAGESWARA RAO
Head of the Department
Head of Department
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EXTERNAL EXAMINAR

DR. K.S.S.S.N. REDDY
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Vyasapuri, Bandlaguda, Keshavnagar Post, Hyderabad-500005.

DEPARTMENT OF MECHANICAL ENGINEERING

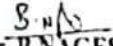


CERTIFICATE

This is to certify that the project work entitled "MEASUREMENT OF ELASTICMODULUS BY USING ULTRASONIC WAVEGUIDE" is submitted by Devishriprasadh Potangi, Abu Sufyan malik, Pathakoti Jagadish, Shaik Sameer in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


M. T. SHAHINSHA
Assistant Professor
Project Guide


Dr. B. NAGESHWARA RAO
Head of the Department
Head of Department
Mechanical Engg.


DR. K.S.S.N.REDDY

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Bandlaguda, Hyd- 500 005

EXTERNAL EXAMINER



MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

(Approved by AICTE & Affiliated to JNTU, Hyderabad)

Vyasapuri, Bandlaguda, Post : Keshavgi, Hyderabad-500005

Department of Mechanical Engineering

CERTIFICATE

This is to certify that the work embodies in this dissertation entitled 'Design and CFD Analysis of vertical Axis Wind Turbine Rotor' being submitted by ' M NARENDRA. (17E35A0313), K SURESH (17E35A0308), K.PAVAN. (17E35A0310), for partial fulfillment of the requirement for the award of 'Bachelor of Technology in Mechanical Engineering to Mahaveer Institute of Science and Technology, Bandlaguda, Hyderabad during the academic year 2019 - 2020 is a record of bonafide piece of work, undertaken by him/her the supervision of the undersigned.

~~Sri. B. Venkateswar Reddy.~~

(Assistant Professor)

Project Guide

EXTERNAL EXAMINAR

DR. B.NAGESWARA RAO

Head of the Department

Head of Department
Mechanical Engg.

DR. K.S.S.S.N.REDDY

Principal
MAHAVEER

INSTITUTE OF SCIENCE & TECHNOLOGY

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

Vyasapuri, Bandlaguda, Keshavagiri Post, Hyderabad-500005.

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

*This is to certify that the project work entitled "FABRICATION OF BATTERY POWERED ELECTRIC VEHICLE AND DESIGN, STRUCTURAL ANALYSIS OF DISC BRAKE" is submitted by **K. ARJUN KAMINI** AND **SYED MUSTAFA HUSSEIN** in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.*

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

Mr. B. VENKATESHWAR REDDY
Assistant Professor
Project Guide

B.N.R.
Dr B. NAGESHWAR RAO
Professor & Head of the Department
Head of Department
Mechanical Engg.

EXTERNAL EXAMINER

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Dr K.S.S.S.N.REDDY
Principal

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "**FABRICATION OF BATTERY POWERED ELECTRIC VEHICLE AND DESIGN, STRUCTURAL ANALYSIS OF DISC BRAKE**" is submitted by **B PRAVEEN KUMAR, T SRIKANTH AND T NARAYANA** in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in **MECHANICAL ENGINEERING** from **MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY**, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other
for the award of any degree.

B.N.R.

DR. B. NAGESWARA RAO
Head of the Department
Head of Department
Mechanical Engg.

[Signature]
Mr. B. VENKATESHWAR REDDY
Assistant Professor
Project Guide

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Dr B. NAGESHWAR RAO
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Head of Department
Mechanical Engg.

[Signature]

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Vyasapuri, Bandlaguda, Keshavagiri Post, Hyderabad-500005.

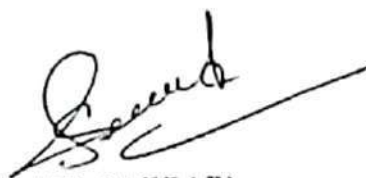
DEPARTMENT OF MECHANICAL ENGINEERING




CERTIFICATE


This is to certify that the project work entitled "ATMOSPHERIC WATER GENERATOR" is submitted by P PRASHANTH REDDY, P UPENDRA, P ANIL, N SRIKANTH REDDY, G RAMA KRISHNA in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


(Mr. MD. SAZZAD)
Assistant Professor
Project Guide


(Dr. NAGHESHWAR RAO)
Professor & Head of the Department
Dept. of Mechanical Engineering

EXTERNAL EXAMINAR


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DEPARTMENT OF MECHANICAL ENGINEERING

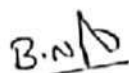


CERTIFICATE


This is to certify that the project work entitled "DESIGN OF PROTOTYPE OF HUMANOID ROBOT" is submitted by MOHAMMED RIZWANUDDIN, MOHAMMED LUQMAN ZAKI, SYED OMAIR AHMED, in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


(Mr. E.KRISHNA DEEPAK)
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(Dr.B.Nageswara Rao)
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Head of the Department
Head of Department
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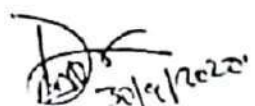


CERTIFICATE

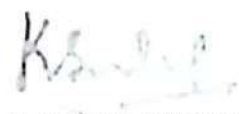
This is to certify that the project work entitled "EXPERIMENTAL SETUP FOR HEAT TRANSFER ANALYSIS ON RECTANGULAR PLATE BY NATURAL CONVECTION" is submitted by Syed Sohail Ahmed, Md abubakar sidliq, Shaik minhajuddin, in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


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Dr. B. NAGESWARA RAO
Head of the Department
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DEPARTMENT OF MECHANICAL ENGINEERING

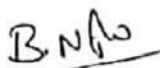


CERTIFICATE

This is to certify that the project work entitled "**MEASUREMENT OF ELASTICMODULUS BY USING ULTRASONIC WAVEGUIDE**" is submitted by Y.Sreya , P.Sai kiran Goud, Mohd Abdul Ahtesham Hasnain in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in **MECHANICAL ENGINEERING** from **MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY**, during the academic year 2019-
*2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Mr. T. S. SHAIKINSHA
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Head of the Department
Head of Department
Mechanical Engg.


DR. K.S.S.S.N. REDDY

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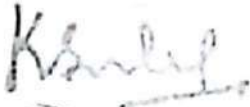
DEPARTMENT OF MECHANICAL ENGINEERING




CERTIFICATE

This is to certify that the project work entitled "MODELING OF BATTERY POWERED VEHICLE AND ANALYSIS OF STEERING SYSTEM" is submitted by Ishrathunnisa Begum, Karpathy Senu Reddy, Mohd Farhan Ahmed in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


DR. K.S.S.S.N. REDDY
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Bandlaguda, Hyd- 500 005


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Head of the Department
Head of Department
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EXTERNAL EXAMINER

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the dissertation entitled “ Improving the performance of an engine block by varying cooling fluids” being submitted by Md Abdul Raqeeb, P. Jagadeeshwar Reddy, T. Vinay Reddy, V. Nikhil Kumar, Rajeev Shekar, bearing 17E35A0314 16E31A0369, 16E31A0376, 16E31A0378, 16E35A0309, in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Mechanical Engineering, Jawaharlal Nehru Technological University, Hyderabad, is a record of the bonafide work carried out under guidance and supervision during the period 2019-2020

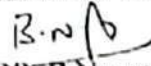
The result presented in this thesis has been verified and found to be satisfactory. The result embodied in this project has not been submitted to any other university or institute for the award of degree or diploma.


INTERNAL GUIDE

Mr. P. Durga Ravi Prasad
Assistant professor,
Dept of mechanical engineering
Mahaveer institute of science & technology

Head of Department
Mechanical En

HEAD OF DEPARTMENT


-DR. B. Nageshwar Rao
[PHD]

Professor,
Dept of mechanical engineering,
Mahaveer institute of science & technology



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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE


This is to certify that the project work entitled "DESIGN, ANALYSIS AND FABRICATION OF LOW SURFACE FINISHING MACHINE" is submitted by J.Saikumar, K.Karthik, K.RajshakarReddy, B.venkatasai K.AnushaReddy in partial fulfillment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Mr.P.PRAVEEN KUMAR REDDY
(Assistant Professor)
Project Guide

EXTERNAL EXAMINER


Head of Department
Mechanical
Dr.B.NAGESWARA RAO
Head of the Department
Mechanical Engg.
Head of Department


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Bandlaguda, Hyd- 500 005

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Vyasapuri, Bandlaguda, Keshavagiri Post, Hyderabad-500005.

DEPARTMENT OF MECHANICAL ENGINEERING

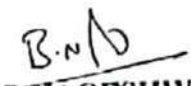



CERTIFICATE

This is to certify that the project work entitled "DESIGN AND ANALYSIS OF CRANE HOOK USING DIFFERENT MATERIALS AND VARYING CROSS-SECTIONS" is submitted by G HARSHA VARDHAN, MD ASIF, P PRASHANTHIKUMAR, B VIJAYKUMAR in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

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Mr. M.SONACHALAM
Assistant Professor
Project Guide


Dr. B.NAGESHWAR RAO
Head of the Department
Head of Department
Mechanical Engg.


DR. K.S.S.S.N.REDDY
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Bandlaguda, Hyd- 500 005

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Vyasapuri, Bandlaguda, Keshavagiri Post, Hyderabad-500005.

DEPARTMENT OF MECHANICAL ENGINEERING

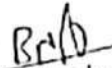


CERTIFICATE


This is to certify that the project work entitled "MINIMIZATION OF SINK MARK DEFECTS IN INJECTION MOULDING PROCESS" is submitted by A ANIL KUMAR, K SHRAVAN REDDY, M AKHIL TEJA in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


(Mr. P. DURGA RAVI PRASAD)
Assistant Professor
Project Guide


(Mr. NAGESHWARA RAO)
Professor & Head of the Department
Department of Mechanical Engg.

EXTERNAL EXAMINAR


DR. K.S.S.S.N. REDDY
Principal
MAHAVEER
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Bandlaguda, Hyd- 500 005

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Vyasapuri, Bandlaguda, Keshavagiri Post, Hyderabad-500005.

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "AUTOMATED GUIDED VEHICLE WITH ROBOTIC ARM" is submitted by MOHAMMED MUBEEN QURESHI, SHAIK MUZAFFER, SYED ZAINUDDIN ABED, MOHD ABDUL SAMEER, MOHD SHAREEF JAVEED in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

(Mr. MOHAMMAD SAJJAD)
Assistant Professor
Project Guide

(Dr. B. Nageswari Rao)
Professor
Head of the Department
Head of Department
Mechanical Engg.

EXTERNAL EXAMINAR

DR. K.S.S.S.N. REDDY

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

Vyasapuri, Bandlaguda, Keshavagiri Post, Hyderabad-500005.

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE


This is to certify that the project work entitled "COMPARATIVE DESIGN AND ANALYSIS OF IC ENGINE PARTS USING CONVENTIONAL AND ALUMINUM BASED ALLOYS" is submitted by Y VISHNUVARDHAN REDDY, MAHESH, E MAHENDRA KUMAR AND B VIJENDER REDDY in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Mr. M. SONACHALAM
Assistant Professor
Project Guide


Dr B. NAGESHWAR RAO
Professor & Head of the Department
Department of Mechanical Engineering
Mechanical Engg.

EXTERNAL EXAMINER


DR. K.S.S.N. REDDY
Principal
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY
Vyasapuri, Bandlaguda, Keshavagiri Post, Hyderabad-500005.

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "EXPERIMENTAL COMPARISON OF TENSILE AND COMPRESSIVE STRENGTHS OF PLA AND ABS MATERIALS USING FDM" is submitted by V SHIVA KUMAR REDDY, S RAGHAVENDRA REDDY, A SHIVA in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, during the academic year 2019-2020.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

(Mr.D.SANTHOSH KUMAR)
Assistant Professor
Project Guide

DR. B.NAGESWARA RAO
Head of the Department
Head of Department
Mechanical Engg.

EXTERNAL EXAMINAR

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Principal
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd- 500 005

ECE MAJOR PROJECT(A.Y 2019-20)

S.No	Roll No	Name of Student	Major Project title
1	16E31A0406	A.BHARGAVI	Design of wireless controlled data notice board using iot
2	16E31A0413	D.PREETHIKA	
3	16E31A0408	B.SAI SHANKAR	
4	16E31A0415	D.THARUN	
5	16E31A0406	A.BHARGAVI	Implementation of swarm robots for agriculture
6	16E31A0413	D.PREETHIKA	
7	16E31A0408	B.SAI SHANKAR	
8	16E31A0415	D.THARUN	
9	16E31A0448	THANDA KARTHIK	Design & implementation of various sram cells using mentor graphics
10	16E31A0436	PANYALA NAVYASREE	
11	16E31A0437	PARIDULA SHIVA TEJA	
12	16E31A0438	PETA SAI TEJA	
13	16E31A0439	P.SHEKAR	
14	16E31A0410	B.SRIDEVI	Anti theft protection of vehicle by gsm and gps with finger print verification
15	16E31A0435	PAKEER GANESH	
16	16E31A0403	A.SHIVANI GOUD	
17	16E31A0407	B.NAVYA SREE	
18	16E31A0451	THOGUTE NAGARAJ	
19	16E31A0452	TINGRIKAR BHARATH RAJ	Implementation of quadraped robot using arduino
20	16E31A0423	KALWA HARIKA	
21	16E31A0445	SOM APARNA	
22	16E31A0442	RAPELLI HARIKA	
23	15E31A0475	K.AJAY GOUD	
24	16E31A0433	MOHAMMAD AMEER KHAN	Implementation of quadraped robot using arduino
25	16E31A0405	A.GANESH	
26	16E31A0402	A.SWATHI	
27	16E31A0429	KULKARNI MANOJ	
28	16E31A0418	G HARISH	
29	15E31A0407	B.RAKESH	Design & implementation of various circuits using
30	16E31A0401	A.AKSHAYA	
31	16E31A0420	HASBI SHRUTHI	


PRINCIPAL
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 INSTITUTE OF SCIENCE & TECHNOLOGY
 Bandlaguda, Hyd-500 005.

32	16E31A0421	J.VAMSHI KRISHNA	Design & implementation of various circuits using reversible logic gates
33	16E31A0430	L.ADITHYA	
34	16E31A0440	G.PRAVALIKA	
35	16E31A0427	K.VIKRAM	Pollution and environment monitoring using iot
36	16E31A0426	KONAPARTHY ANJA CHAR	
37	16E31A0443	SHAIK RASHEEDA BEGUM	
38	16E31A0446	SUDAGANI SANJAY	
39	16E31A0453	VADLA HARISH CHARY	Iot based smart robot using gprs with fire extinguisher capability
40	15M31A0422	N.PEDDARAJU	
41	16E31A0422	KAKUSTAM PAVANI	
42	16E31A0450	T BHAGYA SRI	
43	16E31A0454	Y SURYA NARAYANA MUR	
44	16E31A0428	KOYADA SWARNALATHA	Implementation of density based traffic signals
45	16E31A0416	E PREETAM	
46	14E31A0425	K.UTTEJ SRINIVAS	
47	16M31A0439	R.SATHISH	
48	14E31A0457	V.MADHU TEJA	Implementation of robotic waiter at restaurant
49	16E31A0475	CH.KAVYA	
50	16E31A0482	K.AISHWARYA	
51	16E31A0493	S.SHEERIN	
52	16M31A0443	D.SHASHANK REDDY	
53	16M31A0447	T.JESHWANTH REDDY	Hand gesture vocalizer for deaf and dumb people
54	16E31A0496	SURE PRATHYUSHA	
55	16E31A0495	SIMALI ROY CHOWDHURY	
56	16E31A0457	AERUKALA SAI CHITRA	
57	16E31A0490	RAGANI TIWARI	Spraying pesticides using drone with camera monitoring capability
58	17E35A0407	THUMPALLI MAMATHA	
59	16E31A04A0	THOTA NARESH	
60	16E31A0480	GANGULA NIKHIL REDDY	
61	16E31A0464	ANUMOLU NARENDRA SAI	
62	16E31A0479	GANGIREDDY MAHENDER	Implementation of three axis robotic arm
63	16E31A0491	REGULLA CHANDRAKANTI	
64	16E31A0467	BIJJALA SHRAVANI	
65	16E31A0471	CHEKKALA GANESH	

Kavya
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66	16E31A0477	ELLENDULA VARSHITH	Implementation of three axis robotic arm
67	16E31A0461	A.SHALINI	
68	16E31A0474	CHITTEPU PREMALATHA	
69	16E31A0483	KONDOJU ANIL KUMAR	High level security system using biometric and wireless communication
70	16E31A0462	ANNAM SRAVAN	
71	16E31A0460	ANKAM SRIVARSHA	
72	16E31A0468	BODDUPALLI VAMSHIKRIS	
73	16E31A0488	PIDIKIRALA RAKESH KUMA	Implementation of robotic hand using wireless gesture control
74	16E31A0486	MURUGESHAN SAI SUNDAR	
75	16E31A0466	BATTA SREE AMRUTH VAN	
76	16E31A04A1	V SHIVASHANKAR REDDY	
77	16E31A0497	SUSHMA	Gesture controlled robot using accelerometer
78	16E31A0470	CHALLA VARUN REDDY	
79	16E31A0472	CHILUKA HARISH	
80	16E31A0492	SALADI NITHISH PHANI	
81	16E31A04A2	VARAPRASAD GADHIRAJU	Smart wheel chair control using touch and speech
82	16E31A0463	A.KIRAN KUMAR REDDY	
83	16E31A0459	A.SHIVANI	
84	16E31A0499	T.PRIYANKA	
85	16E31A0481	GOPIREDDY MANICHANDA	Automatic parking system using firebird-v robot
86	16E31A0456	ABHILASH REDDY KODIGA	
87	16E31A0465	B PRADEEP	
88	16E31A0469	CH SUSHMITHA	
89	16E31A0476	E.VAMSHI PRANAY	Implementation of pocket gps
90	16E31A0487	NEELA JASHWANTH	
91	16M31A0445	S.R.DHARMA SAI	
92	17895A0401	G.PAVAN KALYAN	
93	17M35A0406	MD.IMRAN KHAN	Implementation of pocket gps
94	17M35A0403	K.SAI KUMAR REDDY	


Co-ordinator


HOD, ECE Dept


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CERTIFICATE

This is to certify that the project work entitled "Design of Wireless Controlled Data Notice Board Using IOT" is submitted by

A.Bhargavi	16E31A0406	<i>Bhargavi</i>
B.Sai Shanker	16E31A0408	<i>Sai Shanker</i>
D.Preethika	16E31A0413	<i>preethika</i>
D. Tharun	16E31A0415	<i>Tharun</i>
T.Karthik	16E31A0448	<i>Karthik</i>

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma.

M. Devaraju

M.Devaraju
Associate Professor
Guide

K. Venkateswarlu

K.Venkateswarlu
Assistant Professor
Project Coordinator

Dr. Jaspal Kumar

Dr. Jaspal Kumar
Professor
Head of Dept.

Kumar
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External Examiner





Certificate

This is to certify that

A.BHARGAVI

16E31A0406

B.SAISHANKER

16E31A0408

D.PREETHIKA

16E31A0413

D.THARUN

16E31A0415

T.KARTHIK

16E31A0448

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T. University, Hyderabad), have successfully completed their project titled "DESIGN OF WIRELESS CONTROLLED DATA NOTICE BOARD USING IOT" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY


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CERTIFICATE

This is to certify that the project work entitled "Quadruped Robot using Arduino Nano" is submitted by

A.Swathi	16E31A0402	
A.Ganesh	16E31A0405	<i>Ganesh A</i>
G.Harish	16E1A0418	
K.Manoj	16E1A0429	<i>K.Manoj</i>
B.Rakesh	15E31A0407	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in **Electronics and Communication Engineering** of Mahaveer Institute of Science and Technology, Hyderabad, during the academic year 2019-20, is a Bonafide record of work carried out under our guidance and supervision.

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M.Srinu

Assistant Professor

Guide

19/9/20

K. Venkateswarlu

Assistant Professor

Project Co-coordinator

Dr. Jaspal Kumar

Professor

Head of Dept



External Examiner

ii

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CERTIFICATE

This is to certify that the project work entitled "Design & Implementation of Various Circuits using Reversible logic gates" is submitted by

A.Akshaya	16E31A0401	
H.Shruthi	16E31A0420	
J.Vamshi Krishna	16E31A0421	
L.Adithya	16E31A0430	
G.Pravalika	16E31A0440	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in **Electronics & Communication Engineering** of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

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K.Venkateswarlu
Assistant Professor
Guide

K.Venkateswarlu
Assistant Professor
Project Coordinator

Dr.Jaspal Kumar
Professor
Head of Dept.

External Examiner

II



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CERTIFICATE

This is to certify that the project work entitled "Design & Implementation of Various SRAM Cells Using Mentor Graphics" is submitted by

A.Shivani	16E31A0403	
B.Navya Sri	16E31A0407	
P.Ganesh	16E31A0435	
T.Nagaraj	16E31A0451	
T.Bharath	16E31A0452	

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K. Venkateswarlu
Assistant Professor
Guide

K. Venkateswarlu
Assistant Professor
Project Coordinator

Dr. Jaspal Kumar
Professor
Head of Dept.



External Examiner

K. Venkateswarlu
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INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, Affiliated to JNTUH, Hyd.




CERTIFICATE

This is to certify that the project work entitled "Pollution and Environment Monitoring Using IOT" is submitted by


K.Anja Chary	16E31A0426	
K.Vikram	16E31A0427	
S.Rasheeda Begum	16E31A0443	
S.Sanjay	16E31A0446	
V.Harish Chary	16E31A0453	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in **Electronics & Communication Engineering** of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

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S. Kirpal Kour
Assistant Professor
Guide


K. Venkateswarlu
Assistant Professor
Project Coordinator


Dr. Jaspal Kumar
Professor
Head of Dept.



External Examiner


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MAHAVEER
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Certificate

This is to certify that

K.ANJA CHARY

16E31A0426

K.VIKRAM

16E31A0427

S.RASHEEDA BEGUM

16E31A0443

S.SANJAY

16E31A0446

V.HARISH CHARY

16E31A0453

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (*affiliated to J.N.T.University, Hyderabad*), have successfully completed their project titled "POLLUTION AND ENVIRONMENT MONITORING USING IOT" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

K. Sankar
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Bandlaguda, Hyd-500 005.



CERTIFICATE

This is to certify that the project work entitled "Anti- theft protection of vehicle with GSM and GPS using Fingerprint" is submitted by

K. Harika	16E31A0423	
MD. Ameer Khan	16E31A0433	
R. Harika	16E31A0442	
S. Aparna	16E31A0445	
K. Ajay Goud	16E31A0475	

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in **Electronics and Communication Engineering** of Mahaveer Institute of Science and Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

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S. Soujanya
Assistant Professor
Guide

K. Venkateswarlu
Assistant Professor
Project Coordinator

Dr. Jaspal Kumar
Professor
Head of Dept.

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Certificate

This is to certify that

K.HARIKA

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MD.AMEER KHAN

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R.HARIKA

16E31A0442

S.APARNA

16E31A0445

K.AJAY GOUD

15E31A0475

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T. University, Hyderabad), have successfully completed their project titled "ANTI-THEFT PROTECTION OF VEHICLE WITH GSM AND GPS USING FINGERPRINT" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

K. Reddy
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Bandlaguda, Hyd-500 005.



CERTIFICATE

This is to certify that the project work entitled "IOT based smart robot using GPRS with fire extinguisher capability" is submitted by


K.Pavani	16E31A0422	
K.Swarnalatha	16E31A0428	
T.Bhagya sri	16E31A0450	
Y.Suryanarayana Murthy	16E31A0454	
N.Peddaraju	15M31A0422	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

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S.Kirpal Kour
Assistant Professor
Project Guide


K.Venkateswarlu
Assistant Professor
Project Coordinator


Dr. Jaspal Kumar
Professor
Head of Dept.

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Certificate

This is to certify that

K.PAVANI.

16E31A0422

K.SWARNALATHA

16E31A0428

T.BHAGYA SRI

16E31A0450

Y.SURYANARAYANA MURTHY

16E31A0454

N.PEDDARAJU

15M31A0422

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T. University, Hyderabad), have successfully completed their project titled "IOT BASED SMART ROBOT USING GPRS WITH FIRE EXTINGUISHER CAPABILITY" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

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Project Manager

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CERTIFICATE

This is to certify that the project work entitled "Anti- theft protection of vehicle with GSM and GPS using Fingerprint" is submitted by

K. Harika	16E31A0423	
MD. Ameer Khan	16E31A0433	
R. Harika	16E31A0442	
S.Aparna	16E31A0445	
K. Ajay Goud	16E31A0475	

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in **Electronics and Communication Engineering** of Mahaveer Institute of Science and Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

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S. Soujanya
 Assistant Professor
 Guide

K. Venkateswarlu
 Assistant Professor
 Project Coordinator

Dr. Jaspal Kumar
 Professor
 Head of Dept.

External Examiner



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Certificate

This is to certify that

K.HARIKA	16E31A0423
MD.AMEER KHAN	16E31A0433
R.HARIKA	16E31A0442
S.APARNA	16E31A0445
K.AJAY GOUD	15E31A0475

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (*affiliated to J.N.T.University, Hyderabad*), have successfully completed their project titled "ANTI-THEFT PROTECTION OF VEHICLE WITH GSM AND GPS USING FINGERPRINT " in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

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This is to certify that the project work entitled "DENSITY BASED TRAFFIC SIGNAL CONTROL SYSTEM" is submitted by

E.Preetham	16E31A0416	
K.Uttej Srinivas	14E31A0425	
R.Sathish	16M31A0439	
V.Madhu Teja	14E31A0457	

In partial fulfilment of the requirements for the Degree of Bachelor of Technology in **Electronics and Communication Engineering** of Mahaaveer Institute of Science and Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

The results embodied in this report have not been submitted to any other university or institution for the award of any degree or diploma.

K.Venkateswarlu
Associate Professor
Guide

K.Venkateswarlu
Assistant Professor
Project Coordinator

Dr. Jaspal Kumar
Professor
Head of Dept.

External Examiner



K. Venkateswarlu
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Certificate

This is to certify that

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16E31A0416

K. Uttej Srinivas

14E31A0425

R.Sathish

16M31A0439

V. Madhu Teja

14E31A0415

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T.University, Hyderabad), have successfully completed their project titled "DENSITY BASED TRAFFIC SIGNAL CONTROL SYSTEM" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

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Project Manager

K.V. REDDY

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CERTIFICATE

This is to certify that the project work entitled "SRAM CIRCUITS FOR TRUE RANDOM NUMBER GENERATION USING INTRINSIC BIT INSTABILITY" is submitted by

G.SOWMYA	15E31A0423
G.PRAKASH	15E31A0424
K.JAISURYA	15E31A0426
P.NAVEEN	15E31A0440

Sowmya
Prakash
K. Jaisurya
Praveen

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in Electronics and Communication Engineering of Mahaveer Institute of Science and Technology, Hyderabad, during the academic year 2018-19, is a bonafide record of work carried out under our guidance and supervision.

The results embodied in this report have not been submitted to any other university or Institution for the award of any degree or diploma.

S. Soujanya

S.Soujanya
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Project Guide

K. Venkateshwarlu

K.Venkateshwarlu
Assistant Professor
Project Co-ordinator

Dr. Jaspal Kumar

Dr.Jaspal Kumar
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Head, Electronics & Comm. Engg. Dept.
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ii

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Certificate

This is to certify that

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G.PRAKASH	15E31A0424
K.JAI SURYA	15E31A0426
P.NAVEEN	15E31A0440

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T.University, Hyderabad), have successfully completed their project titled "SRAM CIRCUITS FOR TRUE RANDOM NUMBER GENERATION USING INTRINSIC BIT INSTABILITY" in VLSI, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES



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Website: www.mist.ac.in

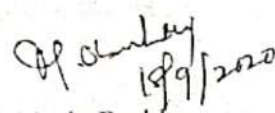
CERTIFICATE

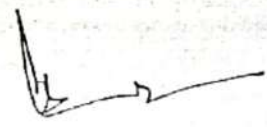
This is to certify that the project work entitled "GPS TRACKING AND EFFICIENT TRANSMISSION OF DATA TO CLOUD USING MQTT" is submitted by


S.R Dharma Sai	16M31A0445	
K.Sai kumar Reddy	17M35A0403	
G.Pavan Kalyan	17895A0401	
Mohd Imran Khan	17M35A0406	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in **Electronics and Communication Engineering** of Mahaveer Institute of Science and Technology, Hyderabad, during the academic year 2020, is a Bonafide record of work carried out under our guidance and supervision.

The results embodied in this report have not been submitted to any other university or Institution for the award of any degree or diploma.


M.Obu'a Reddy
Assistant Professor
Project Guide


K. Venkateswarlu
Assistant professor
Project Coordinator


Dr. Jaspal Kumar
Professor
Head of Dept

External Examiner




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CERTIFICATE

This is to certify that the project work entitled "Automatic Parking System Using Fire Bird V" is submitted by

K. Abhilash Reddy	16E31A0456	<i>K. Abhilash Reddy</i>
B. Pradeep	16E31A0465	<i>B. Pradeep</i>
Ch. Sushmitha Reddy	16E31A0469	<i>Ch. Sushmitha</i>
E. Vamshi Pranay	16E31A0476	<i>E. Vamshi Pranay</i>
N. Jashwanth	16E31A0487	<i>N. Jashwanth</i>

In partial fulfillment of the requirements for the Degree of Bachelor of technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision. The results embodied in this report have not been submitted to any of university Institution for the award of any degree or diploma.

[Signature]
 Ch. Sunil Kumar
 Assistant Professor
 Project Guide

[Signature]
 K. Venkateswarlu
 Assistant Professor
 Project Coordinator

[Signature]
 Dr. Jaspal Kumar
 Professor
 Head of Department

External Examiner



[Signature]
 PRINCIPAL
 MAHAVEER
 INSTITUTE OF SCIENCE & TECHNOLOGY
 Bandlaguda, Hyd-500 005.



Certificate

This is to certify that

K.ABHILASHI REDDY

16E31A0456

B.PRADEEP

16E31A0465

C.H.SUSHMITHA REDDY

16E31A0469

E.VAMSHI PRANAY

16E31A0476

N.JASHWANTH

16E31A0487

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (*affiliated to J.N.T. University, Hyderabad*), have successfully completed their project titled "AUTOMATIC PARKING SYSTEM USING FIREBIRD-V ROBOT" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

K.V. Reddy
PRINCIPAL
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INSTITUTE OF SCIENCE & TECHNOLOGY
Banjara Hills, Hyd-500 005.

DEPARTMENT OF ELECTRONICS &
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Hyderabad-500 005, TS INDIA
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E-mail: ajhedecece@gmail.com
Website: www.mist.ac.in

MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Approved by AICTE, Affiliated to JNTUH, Hyd.



CERTIFICATE

This is to certify that the project work entitled "Smart Wheelchair control using Touch and Speech" is submitted by

A. Shivani	16E31A0459	A. Shivani
A. Kiran Kumar Reddy	16E31A0463	Kiran
G. Mani Chandana	16E31A0481	G. Manichandana
T. Priyanka	16E31A0499	Priyanka

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in **Electronics & Communication Engineering** of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma.

M. U. Chyva
Assistant Professor
Guide

K. Venkateswarlu
Assistant Professor
Project Coordinator

Dr. Jaspal Kumar
Professor
Head of Dept.

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MAHAVEER
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Bandlaguda, Hyd-500 005.

External Examiner





Certificate

This is to certify that

A. SHIVANI

16E3IA0459

A. KIRAN KUMAR REDDY

16E3IA0463

G. MANI CHANDANA

16E3IA0481

T. PRIYANKA

16E3IA0499

Students of final year B.Tech. Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T. University, Hyderabad), have successfully completed their project titled "SMART WHEELCHAIR CONTROL USING TOUCH AND SPEECH" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

K. Reddy
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



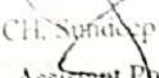
CERTIFICATE


This is to certify that the project work entitled "Gesture Controlled Robot Using Accelerometer" is submitted by


Ch. Varun Reddy	16E31A0470	C. Varun Reddy
Ch. Harish	16E31A0472	Ch. Harish
S. Nithish Phani	16E31A0492	S. Nithish Phani
G. Varaprasad	16E31A04A2	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

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Ch. Sundeep Kumar
Assistant Professor
Project Guide


K. Venkateswarlu
Assistant Professor
Project Coordinator


Dr. Jaspal Kumar
Professor
Head of Department

External Examiner




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Certificate

This is to certify that

CH.VARUN REDDY

16E31A0470

CH.HARISH

16E31A0472

S.NITHISH PHANI

16E31A0492

G.VARAPRASAD

16E31A04A2

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T.University, Hyderabad), have successfully completed their project titled "GESTURE CONTROL ROBOT USING ACCELEROMETER" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

K.V. Reddy
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Website: www.mist.ac.in,

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INSTITUTE OF SCIENCE & TECHNOLOGY
Approved by AICTE, Affiliated to JNTUH,Hyd.



CERTIFICATE

This is to certify that the project work entitled "Design of Robotic Hand Using Wireless Gesture Control" is submitted by

B. S. Amruth Vamshi	16E31A0466	
M. Sai Sundar	16E31A0486	
P. Rakesh Kumar	16E31A0488	
K. Sushma Reddy	16E31A0497	
V. Shiva Shankar Reddy	16E31A04A1	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in Electronics and Communication Engineering of Mahaveer Institute of Science and Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

The results in this report have not been submitted to any other university or Institution for the award of any degree or diploma.

M. Cheenya
Assistant Professor
Project Guide

K. Venkateswarlu
Assistant Professor
Project Coordinator

Dr. Jaspal Kumar
Professor
Head of Dept.

External Examiner.



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Certificate

This is to certify that

B. S. AMRUTH VAMSHI	16E31A0466
M. SAI SUNDAR	16E31A0486
P. RAKESH KUMAR	16E31A0488
K. SUSHMA REDDY	16E31A0497
V. SHIVA SHANKAR REDDY	16E31A04A1

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T. University, Hyderabad), have successfully completed their project titled "DESIGN OF ROBOTIC HAND USING WIRELESS GESTURE CONTROL" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

K.V. Reddy
PROJECT MANAGER
MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY
HYDERABAD, HYDERABAD

DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING
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Hyderabad-500 005, TS INDIA
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E-mail: e3hod.ece@gmail.com,
Website: www.mist.ac.in,

MAHAVEER

INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, Affiliated to JNTU,Hyd.



CERTIFICATE

This is to certify that the project work entitled "High Level Security System Using Biometric and wireless communication" is submitted by

A. Srivarsha	16E31A0460	A-Srivarsha
A.Sravan	16E31A0462	A.Sravan
B.Vamshi krishna	16E31A0468	B.Vamshikrishna
K.Anil kumar	16E31A0483	K-Anilkumar

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in Electronics & Communication Engineering of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-2020, is a bonafide record of work carried out under our guidance and supervision.

The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma.

K. Venkateswari
Assistant Professor
Project Guide

K. Venkateswari
Assistant Professor
Project Coordinator

Dr. Jagan Kumar
Professor
Head of Department



External Examiner

PRINCIPAL
MAHAVEER
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Bandlaguda, Hyd-500 005.



Certificate

This is to certify that

A.SRI VARSHA	16E31A0460
A.SRAVAN	16E31A0462
B.VAMSHI KRISHNA	16E31A0468
K.ANIL KUMAR	16E31A0483

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (*affiliated to J.N.T.University, Hyderabad*), have successfully completed their project titled "HIGH LEVEL SECURITY SYSTEM USING BIOMETRIC AND WIRELESS COMMUNICATION" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY


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Bandlaguda, Hyd-500 005.

DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING
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Email: ece@mahaveer.ac.in
Website: www.mahaveer.ac.in

MAHAVEER

INSTITUTE OF SCIENCE & TECHNOLOGY
Approved by AICTE, Affiliated to JNTUH, Hyd.



CERTIFICATE

This is to certify that the project work entitled "Implementation of Three-Axis Robotic Arm"
is submitted by

A. Shalini	16E31A0461	
B. Shravani	16E31A0467	
Ch. Ganesh	16E31A0471	
Ch. Premalatha	16E31A0474	
E. Varshith	16E31A0477	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in
Electronics & Communication Engineering of Mahaveer Institute of Science &
Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work
carried out under our guidance and supervision.

The results embodied in this report have not been submitted to any other university
or Institution for the award of any degree or diploma.

V. Himaja
Assistant Professor
Guide

K. Venkateswarlu
Assistant Professor
Project Coordinator

Dr. Jaspal Kumar
Professor
Head of Dept.

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INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

External Examiner





Certificate

This is to certify that

A.SHALINI	16E31A0461
B.SHRAVANI	16E31A0467
CH.GANESH	16E31A0471
CH.PREMALATHA	16E31A0474
E.VARSHITH	16E31A0477

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (*affiliated to J.N.T. University, Hyderabad*), have successfully completed their project titled "IMPLEMENTATION OF THREE AXIS ROBOTIC ARM" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

MAHAVEER
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



CERTIFICATE

This is to certify that the project work entitled "Spraying pesticides using drone with camera Monitoring capability" is submitted by

A. Narendra sai	16E31A0464	
G. Mahender	16E31A0479	
G. Nikhil Reddy	16E31A0480	
R. Chandrakanth	16E31A0491	
T. Naresh	16E31A04A0	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in **Electronics & Communication Engineering** of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-2020, is a bonafide record of work carried out under our guidance and supervision.

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D. Sunitha

Assistant Professor

Project Guide

K. Venkateswarlu

Assistant Professor

Project Coordinator

Dr. Jaspal Kumar

Professor

Head of Department



External Examiner

PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



Certificate

This is to certify that

A.NARENDRA SAI	16E31A0464
G.MAHENDER	16E31A0479
G.NIKHIL REDDY	16E31A0480
R.CHANDRAKANTH	16E31A0491
T.NARESH	16E31A04A0

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (*affiliated to J.N.T.University, Hyderabad*), have successfully completed their project titled "SPRAYING PESTICIDES USING DRONE WITH CAMERA MONITORING CAPABILITY" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

K.V. Reddy
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



CERTIFICATE

This is to certify that the project work entitled "Hand Gesture Vocalizer for Deaf and Dumb People" is submitted by

A.Sai Chitra	16R31A0457	<i>A.Sai Chitra</i>
Rugani Thvari	16R31A0490	<i>Rugani</i>
Simali Roy Chowdhury	16R31A0495	<i>Simali</i>
Sure Prathyusha	16R31A0496	
T.Mamatha	17E35A0407	

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in **Electronics & Communication Engineering** of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-2020, is a bonafide record of work carried out under our guidance and supervision.

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P. Srihar
18/01/2020

P. Srihar
Associate Professor
Project Guide

K. Venkateswarlu

K. Venkateswarlu
Assistant Professor
Project Coordinator

Dr. Jaspal Kumar

Dr. Jaspal Kumar
Professor
Head of Department

MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Post: 500 009.

External Examiner





Certificate

This is to certify that

A.SAI CHITRA

16E31A0457

RAGANI TIWARI

16E31A0490

SIMALI ROY CHOWDHURY

16E31A0495

SURE PRATHYUSHA

16E31A0496

T.MAMATHA

17E35A0407

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T.University, Hyderabad), have successfully completed their project titled "HAND GESTURE VOCALIZER FOR DEAF AND DUMB PEOPLE" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

K.V. Reddy
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



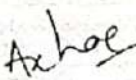
CERTIFICATE

This is to certify that the project work entitled "Implementation of Robotic Waiter at Restaurant" is submitted by


Ch.Kavya	16E31A0475	Ch. Kavya
K.Aishwarya	16E31A0482	K. Aishwarya
S.Sheerin	16E31A0493	S. Sheerin
D.Shashank Reddy	16M31A0443	D. Shashank Reddy
T.Jeshwanth Reddy	16M31A0447	T. Jeshwanth Reddy

In partial fulfillment of the requirements for the Degree of Bachelor of Technology in **Electronics & Communication Engineering** of Mahaveer Institute of Science & Technology, Hyderabad, during the academic year 2019-20, is a bonafide record of work carried out under our guidance and supervision.

The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma.



K. Archana
Assistant Professor
Guide


K. Venkateswarlu
Assistant Professor
Project Coordinator


Dr. Jaspal Kumar
Professor
Head of Dept.



External Examiner


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



Certificate

This is to certify that

CH.KAVYA

16E31A0475

K.AISHWARYA

16E31A0482

S.SHEERIN

16E31A0493

D.SHASHANK REDDY

16M31A0443

T.JESHWANTH REDDY

16M31A0447

Students of final year B.Tech, Electronics and Communication Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD (affiliated to J.N.T.University, Hyderabad), have successfully completed their project titled "IMPLEMENTATION OF ROBOTIC WAITER AT RESTAURANT" in EMBEDDED SYSTEMS DIVISION, CONSCIENCE TECHNOLOGIES (CT), Hyderabad.

For CONSCIENCE TECHNOLOGIES

Project Manager

K.V. REDDY

K.V. Reddy
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Banjara Hills, Hyd-500 005

Mahaveer Institute of Science & Technology
Department of Computer Science & Engineering
IV B.Tech CSE- A --2016-2010 BATCH Major Projects Details

S.No	H.T.NO.	Name	PROJECT NAME	GUIDE NAME
1	16E31A0504	ANKAM VINEETHA	Personalized affective feedback to address students frustration in ITS	MRS. D SRILATHA REDDY ASST. PROFESSOR
	16E31A0505	AVULA VAISHNAVI		
	16E31A0522	M NIHARIKA		
2	16E31A0506	BADAM ABILASH	Human activity recognition using machine learning	DR. NAKKEERAN PROFESSOR & HOD
	16E31A0527	MANGILIPPELly SAI KUMAR		
	16E31A0528	MARIKANTI HARIKA REDDY		
3	16E31A0512	GOPIREDDY ANKITH REDDY	How data driven Entrepreneurs analyse imperfect information for business opportunity evaluation	MR. K. SUDHAKAR ASST. PROFESSOR
	16E31A0517	MOHD NAVEED AHMED		
	16E31A0531	MOHD FASIUDDIN		
4	16E31A0524	MALGONDA POOJA	User centric machine learning framework for cyber security operations center	MR. SREENIVAS REDDY ASST. PROFESSOR
	16E31A0526	MANCHIKANTI SOUMYA		
	16E31A0545	PUNNAMI SAI KRISHNA		
5	16E31A0525	MALKANNAGARI SRUJAY	Image based appraisal of real estate properties	MR. B. SEVANAIAK ASSOC. PROFESSOR
	16E31A0555	TUNIKI VINUTHNA		
	16UR1A0516	SOURABH JOSHI		
6	16E31A0529	MD MASTAN	Modeling and predicting cyber hacking breaches	MR. MUNEEER AHMED ASSOC. PROFESSOR
	16E31A0549	SAFOORA FATHIMA		
	16E31A0553	TASLEEMA NOOR		
7	16E31A0532	MUDAVATH PAVAN KUMAR	Customer Loan Prediction Analysis	MR. SREENIVAS REDDY ASST. PROFESSOR
	16E31A0548	SACHIN DAS		
	16E31A0554	THALLAPELly SRAYAN		
8	16E31A0535	NATHI ALEKYA	Weakly-Supervised deep embedding for product review sentiment analysis	MRS. M. SWAPNA ASST. PROFESSOR
	16E31A0541	PAPINENI MANOJ KUMAR		
	16E31A0542	PEESU ANUDEEP		
9	16E31A0543	PININTI RUCHITHA REDDY	Characterising And Predicting early reviewers for effective product marketing on E-commerce Websites	MRS. G. MANASA ASST. PROFESSOR
	16E31A0547	RIKKA VANDANA		
	16E31A0558	VEMARAJU LASYA MAYURI		
10	16E31A0560	VIJAYALAXMI	Feature extraction for classifying students based on their academic performance	MS.J. MADHAVI ASST. PROFESSOR
	16UR1A0514	PAMREDDY SWETHA		
	16UR1A0517	SURIKANTI JAYASHREE		
11	16E31A0508	BIJJUR VISHANTH REDDY	Semisupervised machine learning approach for Ddos detection	MR. K. KIRAN ASST. PROFESSOR
	16E31A0538	PAGALA KALYAN		
	16E31A0557	VADDI SHIVA KUMAR		
12	16UR1A0507	GUNTI VENU	Credit Card Fraud Analysis Using Predictive Modeling	MR. SREENIVAS REDDY ASST. PROFESSOR
	16M31A0522	G SHIVA KUMAR		
	16M31A0543	P RAKESH		
13	16M31A0545	P SAHARSH	Big mart sales using machine learning with data an	MR. SREENIVAS REDDY ASST. PROFESSOR
	16M31A0558	S RAJINI VARMA		
	15M31A0552	R SHEKAR		
	15M31A0554	S KUMAR		

HOD-CSE


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(Affiliated to JNTU Hyderabad, Approved by AICTE)
Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005



CERTIFICATE

This is to certify that the project work report entitled **Human Suspicious Activity Detection Using Machine Learning** which is being submitted by **B.Abilash [16E31A0506], M.Saikumar[16E31A0527], M.Harika[16E31A0528]** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the benefitted work carried out by them under our guidance and supervision.

Dr.R.Nakkeeran, M.E.,Ph.D.,

Internal Guide

Dr. R. Nakkeeran, M.E.,Ph.D.,

Professor and Head
Department of CSE

External Examiner

Dr. K. S. S. N. REDDY
PRINCIPAL

PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500,005.

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

(Affiliated to JNTU Hyderabad, Approved by AICTE)

Vyasapuri, Bandlaguda, Post: Keshavgi, Hyderabad-500005



CERTIFICATE

This is to certify that the major project work report entitled "USER CENTRIC MACHINE LEARNING FRAMEWORK FOR CYBER SECURITY OPERATIONS CENTER" which is being submitted by Malgonda Pooja [16E31A0524], Manchikanti Soumya [16E31A0526] and Punnami Sai Krishna Goud [16E31A0545], in partial fulfilment for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of bonafide work carried out by them under our guidance and supervision.

Mr. M. Sreenivas Reddy

Assistant Professor.

Dr. R. Nakkeeran, M. E, Ph.D.

Professor & Head

External Examiner

Dr. K. S. S. N. Reddy

Principal.



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Bandlaguda, Hyd-500 005.

MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

(Affiliated to JNTU Hyderabad, Approved by AICTE)

Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005



CERTIFICATE

This is to certify that the project work report entitled "**Personalized Affective Feedback Addressing Students' Frustration in ITS**" which is being submitted by **Ankam Vineetha [16E31A0504]** , **Avula Vaishnavi [16E31A0505]** , **M. Niharika [16E31A0522]**] in partial fulfillment for award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.

Mrs.D. Srilatha

Assistant Professor

Dr. R. Nakkeeran, M. E, Ph.D.,

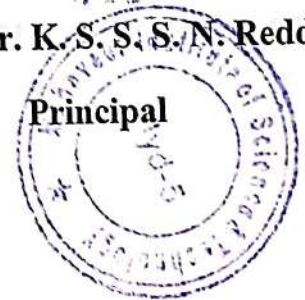
Professor and Head

External Examiner

Dr. K. S. S. S. N. Reddy

Principal

**PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.**



MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

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Vyasapuri, Bandlaguda, Post: Keshavgi, Hyderabad-500005



CERTIFICATE

This is to certify that the project work report entitled “**How Data-Driven Entrepreneur Analyzes Imperfect Information for Business Opportunity Evaluation**” which is being submitted by **GOPIREDDY ANKITH REDDY [16E31A0512], MOHD NAVEED AHMED [16E31A0517], MOHD FASIUDDIN [16E31A0531]** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the benefitted work carried out by them under our guidance and supervision.


Mr. K. Sudhakar

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Dr. R. NAKKEERAN, M.E., Ph.D.,

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Dr. K. S. S. S. N. REDDY

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CERTIFICATE

This is to certify that the major project work report entitled “**Modeling and Predicting Cyber Hacking Breaches**” which is being submitted by **MD.Mastan [16E31A0529], Safoora Fatima [16E31A0549], Tasleema Noor [16E31A0553]** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.

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Dr. R. Nakkeeran, M.E, Ph.D.

Professor and HOD (C.S.E)

External Examiner

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Principal

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CERTIFICATE

This is to certify that the project work report entitled “**IMAGE BASED APPRAISAL OF REAL ESTATE PROPERTIES**” which is being submitted by **M.SRUJAY [16E31A0525], T.VINUTHNA [16E31A0555]** and **SOURABH JOSHI [16UR1A0516]** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.

Mr. B. SEVA NAIK

Associate Professor.
(Internal guide)

Dr. R. NAKKEERAN, M.E., Ph.D

Prof. and HOD Department of CSE

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CERTIFICATE

This is to certify that the project work report entitled “Customer Loan Prediction Analysis” which is being submitted by Mudavath Pavan Kumar [16E31A0532], Sachin Das [16E31A0548], Thallapelli Sravan [16E31A0554] in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bonafide work carried out by them under our guidance and supervision.


Mr. M. Sreenivas Reddy

Associate Professor:


Dr. R. Nakkeeran, M. E, Ph.D.

Professor & Head


External Examiner



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CERTIFICATE

This is to certify that the minor project report entitled “weekly Supervised Deep Embedding for Product Review Sentiment Analysis” which is submitted by N.Alekya[16E31A0535], P.Manoj [16E31A0541], P.Anudeep[16E31A0542] in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bonafide work carried out by them under our guidance and supervision.

Mrs. M.SWAPNA

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CERTIFICATE

This is to certify that the major project work report entitled "**Characterizing and predicting early reviewers for effective product marketing on e-commerce website**" which is being submitted by **P RUCHITHA[16E31A0543], R VANDANA[16E31A0547], V LASYA MAYURI[16E31A0558]** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bona fide work carried out by them under our guidance and supervision.

Mrs.G.Manasa

Assistant/Associate. Professor.

Dr. R. Nakkeeran, M. E, Ph.D.

Professor & HOD

External Examiner

Dr. K. S. S. N. Reddy

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CERTIFICATE

This is to certify that the major project work report entitled “**Feature Extraction for Classifying Students Based on their Academic Performance**” which is being submitted by **P.Swetha Reddy [16UR1A0514], S.JayaShree Reddy [16UR1A0517], B.Vijayalaxmi [16E31A0560]** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.

Mrs .J. Madhavi

Assistant Professor

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CERTIFICATE

This is to certify that the major project work report entitled “**credit card fraud analysis using predictive modelling**” which is being submitted by **G.Shiva Kumar[16M31A0522], P. Rakessh[16M31A0543], P. Saharsh[16M31A0545], Rajini Varma[16M31A0558]** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bona fide work carried out by them under our guidance and supervision.

Mr. Sreenivas Reddy

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Prof. and Head

External Examiner

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CERTIFICATE


This is to certify that the major project work report entitled "**Big Mart Sales Using Machine Learning With Data Analysis**" which is being submitted by **R. Shekar [15M31A0552]**, **S. Kumar [15M31A0554]**, in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bona fide work carried out by them under our guidance and supervision.


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CERTIFICATE

This is to certify that the project work report entitled “SEMI-SUPERVISED MACHINE LEARNING APPROACH FOR DDOS DETECTION” which is being submitted by **Bijjur Vishanth Reddy [16E31A0508]**, **Pagala Kalyan [16E31A0538]**, **Vaddi Shiva Kumar [16E31A0557]**, **Gunti Venu[16UR1A0507]** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.


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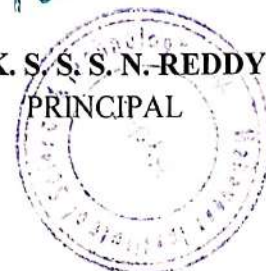
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CERTIFICATE

This is to certify that the major project work report entitled “Network Intrusion Detection Using Supervised Machine Learning Technique With Feature Selection” which is being submitted by **SHIPRA RANI BARDHAN [16E31A05A1]**, **Syed Furkhan[16E31A05A3]**, **Iqra Aziz[17E35A0502]** in partial fulfillment of the requirement for the award of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY** is a record is a bonafide work carried out by them under our guidance and supervision.

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Project Co-ordinator


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CERTIFICATE

This is to certify that the project work report entitled “E-ASSESSMENT USING IMAGE PROCESSING IN ∞EXAMS” which is being submitted by **Gongadala Arun Kumar[16E31A0574], Hafeezuddin [16E31A0576] and Muthoju Sai Theja Chary[16E31A0591]** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.


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CERTIFICATE

This is to certify that the project work report entitled "SENSITIVE DATA PRIVACY PRESERVING FOR SMART HEALTHCARE SYSTEM" which is being submitted by **M.APARNA [16E31A0587]**, **J.AKASH[16E31A0577]** and **G.VINAY [16E31A0572]** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.

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CERTIFICATE

This is to certify that the Industry Oriented Major Project Report entitled "**Facial Recognition Based Attendance System Using OpenCV**" which is being submitted by **Kistamola Chandrashekar Reddy [16E31A0580], Malothu Ranjith [16E31A0583], Suraj Singh [16E31A05A2]** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.

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CERTIFICATE

This is to certify that the project work report entitled “**Object Detection Using YOLO Algorithm**” which is being submitted by **K. Anil Reddy [16E31A0581], T. Sateesh Chandra [16E31A05A5], Y. Ajay [16E31A05A8]** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bona fide work carried out by them under our guidance and supervision.



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CERTIFICATE

This is to certify that the project work report entitled "**Twitter Sentiment Analysis Based on Ordinal Regression**" which is being submitted by **B.Surajkumar [16E31A0561], B. Santhosh [16E31A0565], C.Vaishnavi [16E31A0570]** in fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bona fide work carried out by them under our guidance and supervision.


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CERTIFICATE

This is to certify that the Industry oriented mini project report entitled "Cyberbullying Detection based on Semantic-Enhanced Marginalized Denoising Auto-Encoder" which is being submitted by Bishetty Sai Charan [16E31A0563], Santosh Kulkarni [16E31A0599], Shaik Munaif Mahmood [16E31A05A0] in partial fulfilment for the award of the Degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, is a record of the bonafide work carried out by them under our guidance and supervision.


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CERTIFICATE

This is to certify that the project work report entitled **“Image Classification Using Convolutional Neural Networks”** which is being submitted by **Chinta Sai Reethika [16E31A0569], Chouti Asmitha [16E31A0571], Yerrolla Chaithanya [16E31A05B0]**, in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.


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CERTIFICATE

This is to certify that the industry oriented major project work report entitled "**Breast Cancer Detection Using Convolutional Neural Networks**" which is being submitted by **B. Nitin[16E31A0564]**, **Ch. Vamshi Chandra Shekar[16E31A0566]**, **M. Manideep[16E3A0586]** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.


Dr. R. Nakkeeran
Professor and Head
Department of CSE


Dr. R. Nakkeeran
Professor and Head
Department of CSE


External Examiner

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CERTIFICATE

This is to certify that the project work report entitled “**Driver Drowsiness Monitoring System**” which is being submitted by **N.Srilekha [16E31A0593], Ch.Pooja [16E31A0567] and N.Prudhvi raj [16E31A0595]** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE & ENGINEERING** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**, is a record of the bonafide work carried out by them under our guidance and supervision.


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CERTIFICATE

This is to certify that this project work report entitled "Toward Better Statistical Validation Of Machine Learning-Based Multimedia Quality Estimators" which is being submitted by A.NAVEEN[16E31A1204] and CH. ASHWIDHI[16E31A1207] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated to Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafide work carried out by them under our guidance during 2019-2020.

Signature of Project Guide

Mr.N.DEVANDER

(Assistant Professor)

Signature of Head of the Department

Dr. A. Nanda Gopal Reddy

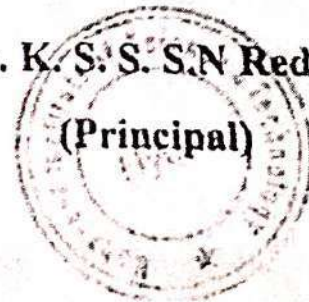
(Head of The Department)

External Examiner

Dr. K. S. S. S.N Reddy

(Principal)

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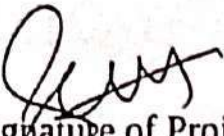
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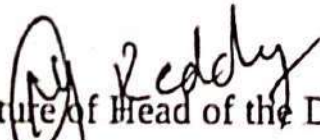
CERTIFICATE

This is to certify that this project work report entitled "MODELING AND PREDICTING CYBER HACKING BREACHES" which is being submitted by P.NAGA ANUSHA[16E31A1220] and V. MAHESH[16E31A1229] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafide work carried out by them under our guidance during 2019-2020.


Signature of Project Guide

Mr.S.Sunil

Assistant Professor

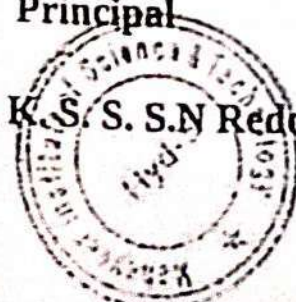

Signature of Head of the Department

Dr.A.Nanda Gopal Reddy

External Examiner


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Principal
Dr. K. S. S. N. Reddy



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ESTD : 2001

CERTIFICATE

This is to certify that this project work report entitled “ Characterizing And Predicting Early Reviewers For Effective Product Marketing On E-Commerce Websites” which is being submitted by K.VAISHNAVI [16E31A1214] and P.NAVIKANTH [16E31A1218] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated to Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafied work carried out by them under our guidance during 2019-2020.

Signature of Project Guide

Mrs.D.Swathi

(Assistant Professor)

Signature of Head of the Department

Dr.A.Nanda Gopal Reddy

(Head Of The Department)

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External Examiner

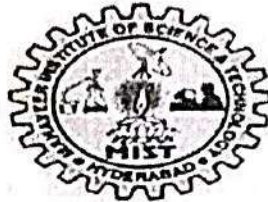
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ESTD : 2001

CERTIFICATE

This is to certify that this project work report entitled "Automating E-Government Services Using Artificial Intelligence" which is being submitted by A.PAVAN RAO[16E31A1202] and Y.ABHINAYA[16E31A1231] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafide work carried out by them under our guidance during 2019-2020.

Signature of Project Guide
Dr.A.Nanda Gopal Reddy
(Head of the Department)

Signature of Head of the Department
Dr.A.Nanda Gopal Reddy
(Head of the Department)

External Examiner

K. S. S. N. Reddy
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Bandlaguda, Hyd-500005

Principal

Dr. K. S. S. N. Reddy



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Vyasapuri, Bandlaguda, Post: Keshavgiri, Hyderabad-500005




ESTD : 2001

CERTIFICATE

This is to certify that this project work report entitled "Context Aware Fake News Detection Using Hierarchical Discourse Level Structure" which is being submitted by Ch. Chaitanya[16E31A1206] and Vadhadiya Srina[16E31A1228] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafide work carried out by them under our guidance during 2019-2020.


Signature of Project Guide

Dr. A. Nanda Gopal Reddy
(Head Of The Department)


Signature of Head of the Department

Dr.A. Nanda Gopal Reddy
(Head Of The Department)

External Examiner


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Dr.K.S.S.S.N Reddy



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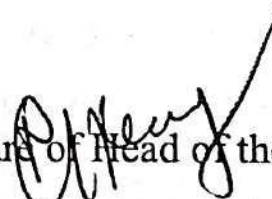
CERTIFICATE

This is to certify that this project work report entitled “ Video-Based Abnormal Driving Behaviour Detection using Deep Learning Fusions” which is being submitted by KRANTHI KUMAR.P [16E31A1221] and R.VAISHNAVI [16E31A1223] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated to Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafied work carried out by them under our guidance during 2019-2020.


Signature of Project Guide

Mr.V.NARESH KUMAR REDDY

(Assistant Professor)


Signature of Head of the Department

Dr.A.Nanda Gopal Reddy

(Head Of The Department)

External Examiner

Dr.K.S.S.S.N Reddy

(Principal)


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ESTD : 2001

CERTIFICATE

This is to certify that this project work report entitled “Multi-Traffic Scene Perception Based On Supervised Learning” which is being submitted by K.Dinesh[16E31A1212] and Samreen Sultana[16E31A1224] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafide work carried out by them under our guidance during 2019-2020.

Signature of Project Guide

Mr.S.Srinivas

(Assistant Professor)

Signature of Head of the Department

Dr.A.Nanda Gopal Reddy

(HOD,IT)

External Examiner

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Bandlaguda, Hyd-500 005

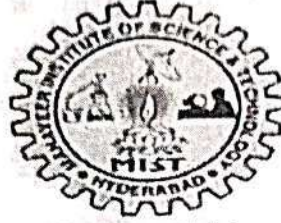
Dr.K.S.S.S.N Reddy

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ESTD : 2001

CERTIFICATE

This is to certify that this project work report entitled "Robust Malware Detection for Internet of (Battlefield) things Devices Using Deep EigenSpace Learning" which is being submitted by K.Sai Krishna[16E31A1213] and S.Gayathri[16E31A1225] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated of Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafide work carried out by them under our guidance during 2019-2020.

Signature of Project Guide

Mr.S.Srinivas

(Assistant Professor)

Signature of Head of the Department

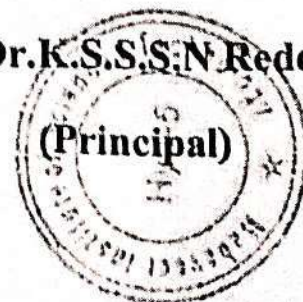
Dr.A.Nanda Gopal Reddy

(HOD,IT)

External Examiner

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ESTD : 2001

CERTIFICATE

This is to certify that this project work report entitled " A data mining based model for detection of fraudulent behaviour in water consumption" which is being submitted by G.ARUN KUMAR [16E31A1211] and N.TEJASHWINI [16E31A1217] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated to Jawaharlal Nehru Technological University, Hyderabad and is a record of the bonafied work carried out by them under our guidance during 2019-2020.

Signature of Project Guide

Mrs.K.B.V.K NAGASREE

(Assistant Professor)

Signature of Head of the Department

Dr.A.Nanda Gopal Reddy

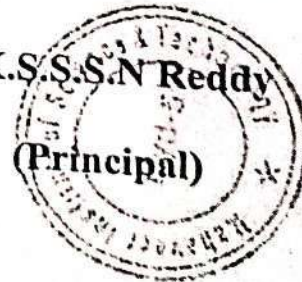
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External Examiner

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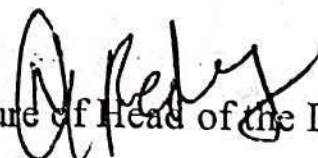
ESTD : 2001

CERTIFICATE

This is to certify that this project work report entitled "Designing Cyber Insurance Policies: The Role of Pre-Screening and Security Interdependence" which is being submitted by A.PRANATHI[16E31A1203], P.SHILPA REDDY[16E31A1219] and V.PAVAN REDDY[16E31A1230] in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology, affiliated to Jawaharal Nehru Technological University, Hyderabad and is a record of the bonafide work carried out by them under our guidance during 2019-2020.



Signature of Project Guide

Mr. B. Mallaiah
(Assistant Professor)


Signature of Head of the Department

Dr. A. Nanda Gopal Reddy
(Head of The Department)

External Examiner


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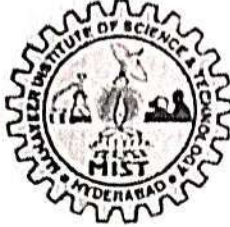
Dr. K. S. S. S. N Reddy



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CERTIFICATE

This is to certify that the project work report entitled “Securing Data with Block Chain and Artificial Intelligence” which is being submitted by **D.Sanjay [16E31A1208]**, **T.Thejaswini [16E31A1227]** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **INFORMATION TECHNOLOGY** of **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY** is a record of the bonafide work carried out by them under our guidance and supervision.


Ms. K. Priyanka
Assistant Professor.


Dr. A. Nanda Gopal Reddy
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER


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DEPARTMENT OF AERONAUTICAL ENGINEERING

PROJECT BATCH LIST (2019-20)

S.NO		H.T.NUMBER	NAME	MAJOR PROJECT TITLE	GUIDE
1	1	14E31A2136	SYED ALI ABULA FAZAL	DEVELOPMENT OF MANUFACTURING PROCESS PLAN FOR BOOSTER ROCKET	Dr S R Dhinesh kumar
2		15E31A2116	P ARAVIND REDDY		

S. Ramadhef
HOD

S. Ramadhef
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CERTIFICATE

This is to certify that this is the bonafide record of the project titled "DEVELOPMENT OF MANUFACTURING PROCESS PLAN FOR BOOSTER ROCKET" is submitted by, SYED ALI ABUL FAZAL (14E31A2136), P.ARVIND REDDY (15E31A2116) of B.Tech in the partial fulfillment of the requirements for the degree of Bachelor of Technology in Aeronautical Engineering, Dept. of Aeronautical Engineering during the year 2019-2020. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.


DR. S.R DHINESHKUMAR

PHD

INTERNAL GUIDE



Prof. A.RANGA REDDY

M. Tech.

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER


PRINC.
MAHAVEER
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Bandlaguda, Hyd-500 005.





CERTIFICATION

This is to certify that the project titled **DEBTORS MANAGEMENT**
Submitted in Partial fulfilment for the award of **MASTER OF BUSINESS**
ADMINISTRATION by **AUSALI BHASKAR** Roll no. **18E31E0001** to the
Department of Management Studies, Mahaveer Institute of Science and Technology,
affiliated to JNTU; Hyderabad has been carried out under the guidance of Ch.
Raghunath Reddy Assist. Professor, Department of Management Studies MIST.


This Project report has not been submitted to any other University of
Institution for the award of any Degree/Diploma.


(Raghunath Reddy)

INTERNAL GUIDE


(DR. K.KIRANKUMAR)

HEAD OF DEPARTMENT


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MAHAVEER
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Bandlaguda, Hyd-500 005.

SIGNATURE OF EXTERNAL EXAMINER



CERTIFICATION

This is to certify that the project titled **“NON-PERFORMING ASSEST”** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **BANDA RUSHITHA** Roll no. **18E31E0002** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **Mrs. K.S. ARCHANA** Assistant Professor, Department of Management Studies **MIST**.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.


(K.S ARCHANA)

INTERNAL GUIDE


(Dr. K.KIRAN KUMAR)

HEAD OF DEPARTMENT



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SIGNATURE OF EXTERNAL EXAMINER



CERTIFICATION

This is to certify that the project titled **ANALYSIS OF INVESTMENT IN MUTUAL FUNDS** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **B.SHILPA** Roll No. **18E31E0003** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance **CH. RAGHUNATH REDDY** Asst. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree /Diploma.


(C.H.RAGHUNATHREDDY) (Asst. Professor)
INTERNAL GUIDE


(DR. K.KIRAN KUMAR)
HEAD OF DEPARTMENT


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Bandlaguda, Hyd-500 005.

SIGNATURE OF EXTERNAL EXAMINER





CERTIFICATION

This is to certify that the project titled **CASH MANAGEMENT** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **BUGGAPALLY ASHOK** Roll no. **18E31E0005** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **Mr. Kishore Kumar** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

(Kishore Kumar)
INTERNAL GUIDE

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Bandlaguda, Hyd-500 005.

(DR. K.KIRAN KUMAR)
HEAD OF DEPARTMENT

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CERTIFICATION

This is to certify that the project report HIGH FREQUENCY TRADING IMPACT ONB STOCK MARKET WITH REFERENCE TO NSE INDIA Submitted in partial fulfillment for the award of MASTER OF BUSINESS ADMINISTRATION by" GUNTI SAGARIKA" Roll Number(18E31E0009) to to the DEPARTMENT OF MANAGEMENT Studies, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, affiliated to JNTU, Hyderabad. Has been carried out under the guidance of" CH.RAGHUNATH REDDY"assistant professor, Department of Management studies, MIST.

This project report has not been submitted to any other University or institution for the Award of any degree/diploma.

(CH.RAGHUNATH REDY)

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CERTIFICATION

This is to certify that the project titled **EQUITY ANALYSIS** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **GAMINI NAGA MALIKA** Roll no. **18E31E0010** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance **CH. RAGHUNATH REDDY** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

(CH. RAGHUNATH REDDY)

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(DR. K.KIRAN KUMAR)

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CERTIFICATION

This is to certify that the project titled **DIVIDEND ANALYSIS** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **GHOSHAL MALABIKA** Roll no. **18E31E0011** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU; Hyderabad has been carried out under the guidance of **K.S ARCHANA** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.


(K.S ARCHANA)
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(DR. K.KIRAN KUMAR)
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HYDERABAD-500 005.
SIGNATURE OF EXTERNAL EXAMINER



CERTIFICATION

This is to certify that the project titled **DEBTORS MANAGEMENT** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **KANDUKURIV SHIVA NAGA MOUNIKA** Roll no. **18E31E0012** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **DR.K.KIRAN KUMAR** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

(DR. K.KIRAN KUMAR)

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(DR. K.KIRAN KUMAR)

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CERTIFICATION

This is to certify that the project titled **TECHNICAL ANALYSIS IN PHARMACY SECTOR** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **K.SRIVANI** Roll no. **18E31E0013** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **G.KISHORE KUMAR** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

(G.KISHORE KUMAR)

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(DR.K.KIRANKUMAR)

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CERTIFICATION

This is to certify that the project titled **FIXED ASSETS MANAGEMENT** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **MANGALARAPU NANDINI** Rollno. **18E31E0015** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **K.S ARCHANA** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.


(K.S ARCHANA)

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(DR. K.KIRAN KUMAR)

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CERTIFICATION

This is to certify that the project titled **ANALYSIS OF MUTUAL FUNDS** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **MANGINPALLI RAJESH** Roll no. **18E31E0016** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **L.RAJESH GOUD** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

(L.RAJESH GOUD)

INTERNAL GUIDE

K. Kiran Kumar
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MAHAVEER
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(DR. K.KIRAN KUMAR)

HEAD OF DEPARTMENT

SIGNATURE OF EXTERNAL EXAMINER



CERTIFICATION

This is to certify that the project titled **INVESTMENT DECISION ANALYSIS** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **MANNE MADHURI** Roll no. **18E31E0017** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **DR. K.KIRAN KUMAR** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

(DR. K.KIRAN KUMAR)

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(DR. K.KIRAN KUMAR)

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Bandlaguda, Hyd-500 005.

SIGNATURE OF EXTERNAL EXAMINER



CERTIFICATION

This is to certify that the project report titled “Employee Job satisfaction” at **Heritage foods Pvt. ltd.** submitted in partial fulfilment for the award of master of business administration by “**MOHAMMED IMTIYAZ ALI**” roll number (18E31E0019) to the department of management studies, **Mahaveer Institute of Science and Technology**, affiliated to JNTU, Hyderabad, has been carried out under the guidance of “**MISS FOUZIA SHAREEF**” assistant professor, department of management studies, MIST.

This project report has not been submitted to any other university or institution for the award of any degree/diploma.

(MISS FOUZIA SHAREEF)

INTERNAL GUIDE

(DR. K.KIRAN KUMAR)

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CERTIFICATION

This is to certify that the project titled "FUNDAMENTAL AND TECHNICAL ANALYSIS"
Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS
ADMINISTRATION** by MUNGI SAIRAM REDDY Roll no. **18E31E020** to the Department of
Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU,
Hyderabad has been Carried out under the guidance of DR. KIRAN KUMR head of the
Department of Management Studies MIST.


This Project report has not been submitted to any other University of Institution for
the award of any Degree/Diploma.


Dr. KIRAN KUMAR

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CERTIFICATION

This is to certify that the project titled **CURRENCY FUTURES AND OPTIONS** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **PAGIDIMARRY** Roll no. **18E31E0023** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **G.KISHORE KUMAR** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.


G.KISHORE KUMAR
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DR. K.KIRAN KUMAR
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CERTIFICATION

This is to certify that the project titled “**STRESS MANAGEMENT**” Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **N. PRIYANKA** Roll no. **18E31E024** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **Dr. KIRAN KUMR** head of the Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

Mr. L. RAJESH GOUD
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(DR. K.KIRAN KUMAR)
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Approved by AICTE, Affiliated to JNTUH, Hyderabad.



CERTIFICATION

This is to certify that the project titled **PROFITABILITY ANALYSIS** Submitted in Partial fulfilment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **S. HARIITHA** Roll no. **18E31E0028** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of Promoda.Hollystar Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

B. Pramoda

(Pramoda Hollystar)

INTERNAL GUIDE

(DR. K.KIRAN KUMAR)

HEAD OF DEPARTMENT

K. Kiran Kumar
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyderabad - 500 005.

SIGNATURE OF EXTERNAL EXAMINER

Vyasapuri, Bandlaguda, Post Keshavgin,
Hyderabad - 500 005, Telangana, INDIA
Tel: 040-64593899, 20020772, 20020773
E-mail mhvr2001@gmail.com Website : www.mist.ac.in


MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Approved by AICTE, Affiliated to JNTUH, Hyderabad.




CERTIFICATION

This is to certify that the project titled **PERFORMANCE OF TAX SAVING MUTUAL FUNDS (EQUITY LINKED SAVING SCHEMES)** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **SAMREEN SULTHANA** Roll no. **18E31E0030** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **FOUZIA SHAREEF** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.


(FOUZIA SHAREEF)
INTERNAL GUIDE


(DR. K.KIRAN KUMAR)
HEAD OF DEPARTMENT


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

SIGNATURE OF EXTERNAL EXAMINER

asapuri, Bandlaguda, Post : Keshavgiri,
Hyderabad - 500 005. Telangana, INDIA
Phone : 040-64593899, 20020772, 20020773
Email : mhvr2001@gmail.com Website : www.mist.ac.in

MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Approved by AICTE, Affiliated to JNTUH, Hyderabad.



CERTIFICATION

This is to certify that the project titled **COMMODITY MARKET WITH SPECIAL REFERENCE TO AGRICULTURAL COMMODITIES** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **SHAHANAZ** Roll no. **18E31E0032** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **MR.LRAJESH GOUD** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.


(MR.L.RAJESH GOUD)

INTERNAL GUIDE


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Keshavnagar, Hyderabad - 500 005.


(DR. K.KIRAN KUMAR)

HEAD OF DEPARTMENT

SIGNATURE OF EXTERNAL EXAMINER

Bandlaguda, Post : Keshavgi,
Hyderabad - 500 005. Telangana, INDIA
Phone: 01-64593899, 20020772, 20020773
Email: mhvr2001@gmail.com Website : www.mist.ac.in

MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Approved by AICTE, Affiliated to JNTUH, Hyderabad.



CERTIFICATION

This is to certify that the project titled "FUNDAMENTAL AND TECHNICAL ANALYSIS" Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **SHAMBULA SHARATH KUMAR** Roll no. **18E31E033** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **DR. KIRAN KUMAR** head of the Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

Dr. KIRAN KUMAR
INTERNAL GUIDE

PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

(DR. K.KIRAN KUMAR)
HEAD OF DEPARTMENT

SIGNATURE OF EXTERNAL EXAMINER

Vysapuri,BandlagudaPost:Keshavgi,
Hyderabad-500005,APINDIA
Tel:040-20020772,20020773, .Fax:040-24455003
E-mail: principal.mahaveer@gmail.com
Website:www.mist.ac.in,

MAHAVEER

INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, Affiliated to JNTUH,Hyd.



CERTIFICATION

This is to certify that the project titled **FINANCIAL PERFORMANCE ANALYSIS** Submitted in Partial fulfillment for the award of **MASTER OF BUSINESS ADMINISTRATION** by **SRAVANI REDDY MEEDIVEMULA** Roll no. **18E31E0034** to the Department of Management Studies, Mahaveer Institute of Science and Technology, affiliated to JNTU, Hyderabad has been Carried out under the guidance of **mrs. Pramoda hollystar** Assist. Professor, Department of Management Studies MIST.

This Project report has not been submitted to any other University of Institution for the award of any Degree/Diploma.

B. Pramoda

(Mrs. Pramoda hollystar)

INTERNAL GUIDE

Kirankumar

PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

(DR. K.KIRANKUMAR)

HEAD OF DEPARTMENT

SIGNATURE OF EXTERNAL EXAMINER

सं. S No 93709



भारत डायनामिक्स लिमिटेड
BHARAT DYNAMICS LIMITED
(भारत सरकार का उद्यम A Govt. of India Enterprise)

रक्षा मंत्रालय Ministry of Defence
कंचनबाग Kanchanbagh :: हैदराबाद Hyderabad - 500058.

प्रणाली प्रौद्योगिकी तथा प्रबंधन संस्थान
INSTITUTE OF SYSTEMS, TECHNOLOGY AND MANAGEMENT

वर्ष Year 2019



पंजीकरण संख्या Regd. No. 406

Skill India

परियोजना प्रमाण-पत्र PROJECT CERTIFICATE

मुभी / श्री

Ms. / Mr. B. PAVANI

पुत्री / पुत्र श्रीमती एवं श्री

Daughter / Son of Smt. B. RAJINI Shri B. NARSIMHA

कॉलेज / संस्थान

College / Institute MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

विषय / क्षेत्र

Subject / Discipline B.TECH (EEE) वर्ष/सेमेस्टर 3/2

परियोजना कार्य / प्रशिक्षण कार्य

has completed Project Work / Training on COMPENSATION OF REACTIVE POWER IN DISTRIBUTION SYSTEM

Duration 1 MONTH Period from 03-07-2019 to 02-08-2019

के बीच पूर्ण किया है.

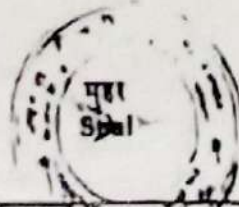
इस कार्य के दौरान इन्होंने अध्ययन में पर्याप्त रुचि दिखाई है.

He / She has shown keen interest in learning during the period of Project.

प्रमुख (सा.स.पि.)

SYED RAFFE

अध्यक्ष (सा.स.पि.) के जोर



Kalyan
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

प्रभारी, परियोजना कार्य
Incharge, Project Works

क्र.सं. S No. 93722



भारत डायनामिक्स लिमिटेड

BHARAT DYNAMICS LIMITED

(भारत सरकार का उद्यम A Govt. of India Enterprise)

रक्षा मंत्रालय Ministry of Defence

कंचनबाग Kanchanbagh :: हैदराबाद Hyderabad - 500058.

प्रणाली प्रौद्योगिकी तथा प्रबंधन संस्थान

INSTITUTE OF SYSTEMS, TECHNOLOGY AND MANAGEMENT



वर्ष Year 2019

पंजीकरण संख्या Regd. No. 407

Skill India

परियोजना प्रमाण-पत्र PROJECT CERTIFICATE

मुर्ती / श्री

Ms. / Mr. K. KEERTHANA

पुत्री / पुत्र श्रीमती एवं श्री

Daughter / Son of Smt. K. LAKSHMI Shri K YADAGIRI

कॉलेज / संस्थान

College / Institute MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

विषय / क्षेत्र

Subject / Discipline B.TECH (EEE) Year: Semester 3/2

परियोजना कार्य / प्रशिक्षण कार्य

has completed Project Work / Training on COMPARISON OF REACTIVE POWER IN DISTRIBUTION SYSTEM

Duration 1 MONTH Period from 03-07-2019 to 02-08-2019

के बीच पूर्ण किया है.

इस कार्य के दौरान इन्होंने अध्ययन में पर्याप्त रुचि दिखाई है.

He / She has shown keen interest in learning during the period of Project.

K. K. Veer
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Kanchanbaguda, Hyd-500 005.

Syed Raffae
प्रमुख (मा.सं.वि.)
Head (IITR)
SYED RAFFE



Syed Raffae
अधीन, परियोजना कार्य
Incharge, Project Works

हाथप्रबंधक (मानव संसाधन) के वी यू



CERTIFICATE

This is to certify that the Mini Project work entitled **"EARTHING AND GROUND PRACTICES"** has been successfully carried out in the partial fulfillment for the award of the Degree of Bachelor of Technology in **Electrical & Electronics Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY.**

This bonafide work is carried out by

1.K.GNANA PRASUNA(16E31A0213)

at **CPTI (Central Power Training Institute of TSSPDCL/Hyderabad,**
 with reference to: **Lr.No:DE/CPTI/HYD/MINI PROJECTS/D.NO:39/19**
 Date: **01-07-2019** under the guidance of **Sri.S. RAJU NAIK/ADE/ CPTI/**
TSSPDCL/HYD.

Place: Hyderabad
 Date: 16/07/19

(Sri.A.Srinivas) Raju
 Divisional Engineer/CPTI
 TSSPDCL, Hyderabad.



Kanishk
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
 Bandlaguda, Hyd-500 005.



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रापुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 19ENG61113/2

Date: 08/03/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. P. Vaishnavi
_____ with college id no: 16E31A0225
studying in Mahaveer Institute of Science & Technology
pursuing B.E/B.Tech/MBA in Electrical and Electronics Engineering
discipline had undergone project training from 24/06/2019
to 08/03/2019. The title of the project as per our records is
STUDY OF TURBO GENERATORS

Subh
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Amruthapada, Hyd-500 005.

A. Krishna Reddy
Project training in-charge
A. KRISHNA REDDY
Addl Engineer HRDC WIS
BHEL, HYD-32



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रापुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 19ENGG1113/1

Date : 08/07/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. B. NAGA RANI
_____ with college id no: 16E31A0206
studying in MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY
pursuing B.E/B.Tech/MBA in ELECTRICAL ELECTRONICS ENGINEERING
discipline had undergone project training from 24/06/2019
to 8/07/2019. The title of the project as per our records is
STUDY OF TURBO GENERATORS

K. Srinivas
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

A. Krishna Reddy
Project training in-charge
A. KRISHNA REDDY
Addl Engineer/HRDC W/S
21/11/2019



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रपुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 19ENGJ1113

Date: 08/07/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. J. Rajeswari
with college id no: 16F31AD211
studying in Mahaveer Institute of Science and Technology
pursuing B.E/B.Tech/MBA in Electrical and Electronic Engineering
discipline had undergone project training from 24/06/2019
to 08/07/2019. The title of the project as per our records is
STUDY OF TURBO GENERATORS

K. Mahaveer
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

A. Krishna Reddy
Project training in-charge
A. KRISHNA REDDY
Addl. Engineer HRDC W/S
BHEL, HYD-32



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
 रामचंद्रपुरम, हैदराबाद
 मानव संसाधन विकास केंद्र



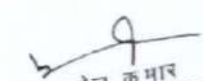
BHARAT HEAVY ELECTRICALS LIMITED
 RAMACHANDRAPURAM, HYDERABAD-502032
 Human Resource Development Centre

Ref No: 19ENGG 3423

Date: 17/07/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. ROSHAN PATNAIK
 _____ with college id no: 16E31A0228
 studying in MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY
 pursuing B.E/B.Tech/MBA in ELECTRICAL AND ELECTRONIC ENGINEERING
 discipline had undergone project training from 03/07/2019
 to 17/07/2019. The title of the project as per our records is
STUDY OF MANUFACTURING TURBO GENERATORS


 डी. मनोज कुमार
 D. MANOJ KUMAR
 Dy Engineer (HRD-III)
 Project Training In-charge
 BHEL HRC

Principal
 MAHAVEER
 INSTITUTE OF SCIENCE
 AND TECHNOLOGY
 Hyderabad-500005

क्र.सं. S.No. 92119



भारत डायनामिक्स लिमिटेड

BHARAT DYNAMICS LIMITED

(भारत सरकार का उद्यम A Govt. of India Enterprise)

रक्षा मंत्रालय Ministry of Defence

कंचनबाग Kanchanbagh :: हैदराबाद Hyderabad - 500058.

प्रणाली प्रौद्योगिकी तथा प्रबंधन संस्थान

INSTITUTE OF SYSTEMS, TECHNOLOGY AND MANAGEMENT

वर्ष Year 2019



Skill India

पंजीकरण संख्या Regd. No. 437

परियोजना प्रमाण-पत्र PROJECT CERTIFICATE

सुधी/श्री

Ms./Mr. MUNISHETTI NIHARIKA

पुत्री/पुत्र श्रीमती एवं श्री

Daughter/Son of Smt. MUNISHETTI SHANKAR Shri. MUNISHETTI VIJAYALAKSHMI

कॉलेज/संस्थान

College/Institute MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

विषय/क्षेत्र

Subject/Discipline EEE

वर्ष/सेमिस्टर

Year/Semester IV / I

परियोजना कार्य/प्रशिक्षण कार्य

has completed Project Work / Training on COMPENSATION OF REACTIVE POWER IN DISTRIBUTION SYSTEM

Duration 1 MONTH

Period from 08/07/2019 to 08/08/2019

के बीच पूर्ण किया है.

इस कार्य के दौरान इन्होंने अध्ययन में पर्याप्त रुचि दिखाई है.

He/She has shown keen interest in learning during the period of Project.

प्रमुख (पा.सं.वि.)

एम.ए. (HRD)

ल. विजया कुमार रेड्डी
L. VIJAYA KUMAR REDDY

मुद्रा
Seal

प्रभारी, परियोजना कार्य
Incharge, Project Works

2016-2020



SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LTD.
CENTRAL POWER TRAINING INSTITUTE
#8-3-167/E/1, G.T.S. COLONY, HYDERABAD-45. PH: 040-23431126

CERTIFICATE

This is to certify that the Mini Project work entitled "LIFE CYCLE MANAGEMENT OF TRANSFORMER" has been successfully carried out in the partial fulfillment for the award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering, Mahaveer Institute of Science and Technology, Hyderabad.

This bonafide work is carried out by

- | | |
|--------------------|--------------|
| 1. S.KRISHNA VAMSI | (16E31A0229) |
| 2. RAMYA | (16E31A0202) |
| 3. VEENA | (16E31A0209) |
| 4. SOUNDHARYA | (16E31A0214) |

at CPTI (Central Power Training Institute of TSSPDCL/Hyderabad, with reference to: Lr.CGM (HRD)/GM (Adm)/AS(Est)/PO-D/682-D3/19 dt 01.04.19, Date: 23.05.2019 under the guidance of RAJENDER KAMBLE, AE/TRE/SCAD/TSSPDCL/HYD.

Place: Hyderabad
Date: 14/11/2019



(Sri.A.Srinivas Rao) 14/11/19.
Divisional Engineer, CPTI,
TSSPDCL, Hyderabad

PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



इलेक्ट्रॉनिक्स कार्पोरेशन ऑफ इण्डिया लिमिटेड
 Electronics Corporation of India Limited



ISO 9001:2008

CIN U32100TG1967GOI001149

(भारत सरकार का उद्यम) / (A Govt. of India Enterprise)
 कम्प्यूटर शिक्षा प्रभाग / COMPUTER EDUCATION DIVISION

PROJECT / INTERNSHIP COMPLETION CERTIFICATE

Date: 22/06/2018

This is to certify that Mr. ROSHAN PATNAIK bearing Reg.No:16E31A0228 a student of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, Bandlaguda pursuing the Degree of B.TECH., in Electrical And Electronics Engineering has undergone Project work / Internship titled "A FAMILY OF BIDIRECTIONAL DC/DC CONVERTERS SUITABLE FOR ASSYMETRIC POWER FLOW REQUIREMENT" in "POWER ELECTRONICS" under our guidance during the period from 22/05/2018 to 21/06/2018 in partial fulfillment of the requirements for the award of the above mentioned Degree.

The student is punctual, hardworking and has shown keen interest to produce the project output and results.

(Signature)
 PRINCIPAL
 MAHAVEER
 INSTITUTE OF SCIENCE & TECHNOLOGY
 Bandlaguda, Hyd-500 005.



(Signature)
 N.S.SEKHAR BABU
 INCHARGE, CED
 N.S. SEKHAR BABU
 INCHARGE, CED, ECIL
 HYDERABAD-500 062.

CERTIFICATE

This is to certify that the Mini Project work entitled "**PROTECTION OF 33/11Kv SUBSTATION**" has been successfully carried out in the partial fulfillment for the award of the Degree of Bachelor of Technology in **Electrical & Electronics Engineering, Mahaveer Institute of Science and Technology, Hyderabad.**

This bonafide work is carried out by

1. Manshi Dubey (16E31A0221)
2. Roshan Patnaik(16E31A0228)
3. R.Vijay (16E31A0226)
4. Abdul Raheman (16E31A0201)

at CPTI (Central Power Training Institute of TSSPDCL/Hyderabad,

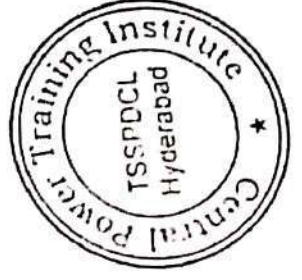
with reference

to:Lr.No:DE/CPTI/Hyderabad/F.Mini

Project/No:001/19,Dt:27.05.2019 under the guidance of Sri.B A V Prasad

Yadav/ AE/ CPTI/TSSPDCL/HYD.

Kanish
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



Place: Hyderabad

Date: 18/06/2019

As Rao
(Sri.A.Srinivas Rao)
Divisional Engineer/CPTI,
TSSPDCL, Hyderabad.



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रपुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

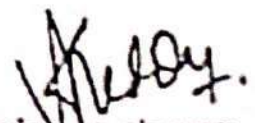
Ref No: 19ENGL1113

Date: 08/07/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. J. Rajeswari
_____ with college id no: 18E31A0211
studying in Mahaveer Institute of Science and Technology
pursuing B.E/B.Tech/MBA in Electrical and Electronic Engineering
discipline had undergone project training from 24/06/2019
to 08/07/2019. The title of the project as per our records is
STUDY OF TURBO GENERATORS


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.


Project training In-charge
A. KRISHNA REDDY
Add. Engineer/HRDC WIS
BHEL HYD-32



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रापुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 19ENGG1113/4

Date: 08/07/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. M. pavan kumar
_____ with college id no: 16E31AD218
studying in Mahaveer Institute of Science and Technology
pursuing B.E/B.Tech/MBA in Electrical and Electronics Engineering
discipline had undergone project training from 24/06/2019
to 08/07/2019. The title of the project as per our records is
STUDY OF TURBO GENERATOR

K. Srinivas
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

ISO 9001 2015 UNIT



ASSESSMENTS
ACCREDITATION



ISO 9001 2015 Cert.No. IN112158A
एन सी सी 2015 90000 0000 IN112158A

RIGHT TO INFORMATION

हम मशीन टूल लिमिटेड (एन सी सी 2015 90000 0000)
एन सी सी 2015 90000 0000
फ़ोन: 500 064 8888
फ़ोन: +91-40-2308 5721 (रेखा: 260)
फ़ैक्स: +91-40-2308 5852
पुस्तिका केंद्र
ई-मेल: info@hmttraining@hmtmachinetools.com
वेबसाइट: www.hmtmachinetools.com

hmt
HMT MACHINE TOOLS LIMITED
(A Wholly owned Subsidiary of HMT Limited)
(A Government of India Undertaking)
HMT Township P.O., Narsapur Road
Hyderabad-500 054 INDIA
Phone: +91-40-23085721 Extn: 260
Fax: +91-40-2308 5852
TRAINING CENTRE
E-mail: info@hmttraining@hmtmachinetools.com
website: www.hmtmachinetools.com

DATE: 05.07.2019

Ref No: HMT/MT/HR T&D/ST/260/19

CERTIFICATE

This is to certify that Mr. MOHD.ABDEL SAMIYER
(Reg.No.16F31A0319), B.Tech in MECHANICAL ENGINEERING 4
Year 1st Semester student of MAHAVEER INSTITUTE OF SCIENCE
& TECHNOLOGY, Vyasapuri, Bandlaguda, Hyderabad has undergone
an "INTERNSHIP" Training from 21.06.2019 to 05.07.2019 in our
organization.

During the above period, he was regular and his code of conduct was
found to be good and Appreciable.

We wish him all the best for all the success in the future endeavors.

For HMT Machine Tools Limited


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 025



(Charoo Prabhakar)
DGM (TR)




SOUTHCENTRAL RAILWAY
[INDIAN RAILWAYS]

CERTIFICATE


This is to certify that G.RAMAKRISHNA Roll No. 16E31A0305 student of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY pursuing B.Tech. has successfully completed mini project for the duration of 15 days from 01 /07/2019 to 15/07/2019 for the academic year 2019-2020.

The title of his project is BRAKING SYSTEM IN RAILWAY COACHES and was carried under the guidance of Shri M.SUBBA RAO, Senior Section Engineer in Coaching Depot, South Central Railway, Secunderabad.

His conduct during this period was Satisfactory.


M.SUBBA RAO
SSE/C&W/SC


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.


P.MOHAN SUBHASH
Coaching Depot Officer

Coaching Depot Officer
Secunderabad



**SOUTH CENTRAL RAILWAY
(INDIAN RAILWAYS)**

CERTIFICATE


This is to certify that **TEJAVATH SRIKANTH** Roll No. **201901010101010101** of **MAHABHARATI INSTITUTE OF SCIENCE AND TECHNOLOGY** pursuing B.Tech has successfully completed the duration of 15 days from 01/07/2019 to 15/07/2019 for the academic year 2019-2020.

The title of his project is **BRAKING SYSTEM IN RAILWAY COACHES** and was carried under the guidance of **Shri M.SUBBARAO**, Senior Section Engineer in Coaching Depot, South Central Railway, Secunderabad.

His conduct during this period was Satisfactory.

M.SUBBARAO
SS/CO&W/SC


**PRINCIPAL
MAHABHARATI
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 605.**


**P.MOHAN SUBHASH
Coaching Depot Officer**

ISO 9001 : 2015 UNIT

LMS

ASSESSMENTS
ACCREDITATION



ISO 9001 : 2015 Cert.No.: IN112158A
एच एम टी 9001 : 2015 प्रमाणपत्र संख्या : IN112158A

RIGHT TO INFORMATION

एच एम टी मशीन टूल्स लिमिटेड

(एच एम टी लिमिटेड की सम्पूर्ण स्वामित्वधीन संयुक्तनी)

(भारत सरकार का एक उपक्रम)

एच एम टी टाउनशिप पी.ओ. नरसपुर रोड

हैदराबाद - 500 054, भारत

दूरभाष : +91-40-2308 6721, विज्जार : 260

फैक्स : +91-40-2308 6952

प्रशिक्षण केन्द्र

ई-मेल : mthtraining@hmtmachinetools.com

वेबसाइट : www.hmtmachinetools.com



HMT MACHINE TOOLS LIMITED

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Hyderabad-500 054, INDIA

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Fax : +91-40-2308 6952

TRAINING CENTRE

Email : mthtraining@hmtmachinetools.com

website : www.hmtmachinetools.com

DATE: 05.07.2019

Ref No. : HMT/MTH/HR-T&D/ST-262/19

CERTIFICATE

This is to certify that Mr. SYED OMAIR AHMED (RegNo.16E31A0374), B.Tech in MECHANICAL ENGINEERING, 4th year 1st Semester student of MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY, Vyasapuri, Bandlaguda, Hyderabad has undergone an "INTERNSHIP" Training from 21.06.2019 to 05.07.2019 in our organization.

During the above period, he was regular and his code of conduct was found to be good and Appreciable.

We wish him all the best for all the success in the future endeavors.

For HMT Machine Tools Limited

Handwritten signature
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



Handwritten signature
(Charoo Prabhakar)
CHAROO PRABHAKAR
Deputy General Manager (TR)
HMT MACHINE TOOLS LIMITED
Hyderabad-500 054



ITC Limited
PAPERBOARDS & SPECIALTY PAPERS DIVISION
Unit Bhadrachalam
Factory - SARAPAKA - 507 128,
Bhadradi Kothagudem District. (TELANGANA), India
Fax No.: +91-8746-242460
Telephone : +91-8746-242331-40
www.itcpspd.com

09th July 2019

TO WHOM SOEVER IT MAY CONCERN

This is to certify that **Mr. B Vijay Kumar** has undertaken Internship at our organization in Mechanical Department. During his internship, he completed a project titled "**Study on Lubrication and Bearings**" at, Unit Bhadrachalam, from **24th June 2019** to **09th July 2019**

We wish him all the success in his future endeavors

For ITC Limited
Paperboards & Specialty Papers Division


Shikhar Verma
Assistant Manager - HR


PRINCIPAL
MANJIV
INSTITUTE OF SCIENCE & TECHNOLOGY
Bhadrachalam, Hydr-500 905.

9001 : 2015 UNIT

lms
ASSESSMENTS
ACCREDITATION



2015 Cert.No.: IN112158A
ISO 9001:2015 प्रमाणित क्रम: IN112158A

RIGHT TO INFORMATION

एच एम टी मशीन टूल्स लिमिटेड

(एच एम टी लिमिटेड की संपूर्ण स्वामित्व वाली संस्था)

(भारत सरकार का एक उपक्रम)

एच एम टी ट्रेनिंग पी.ओ. बरसापुर रोड

हैदराबाद - 500 054, भारत

दूरभाष : +91-40-2308 5721, रिजल्ट : 260

फैक्स : +91-40-2308 5952

प्रशिक्षण केंद्र

ई-मेल : mhttraining@hmtmachinetools.com

वेबसाइट : www.hmtmachinetools.com



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Hyderabad-500 054, IN

Phone +91-40-23085721, Extn. :

Fax +91-40-2308 51

TRAINING CENTRE

Email mhttraining@hmtmachinetools.com

website www.hmtmachinetools.com

DATE: 05.07.2019

Ref No. : HMT MTH HR-T&D ST-26119

CERTIFICATE

This is to certify that Mr. MOHD.ABDUL AHTESHAM UL HASNAIN (RegNo.16E31A0320), B.Tech in MECHANICAL ENGINEERING, 4th year 1st Semester student of MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY, Vyasapuri, Bandlaguda, Hyderabad has undergone an "INTERNSHIP" Training from 21.06.2019 to 05.07.2019 in our organization.

During the above period, he was regular and his code of conduct was found to be good and Appreciable.

We wish him all the best for all the success in the future endeavors.

For HMT Machine Tools Limited

Kanhu
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
3, Bandlaguda, Hyderabad-500 054.

Charou Prabhakar
(Charou Prabhakar)
DGM (TR)

ISO 9001 : 2015 UNIT

LQS
ASSESSMENTS
ACCREDITATION



ISO 9001 : 2015 Cert.No.: IN112158A
आई एस 9001 : 2015 प्रमाणन संख्या : IN112158A

RIGHT TO INFORMATION

एच एम टी मशीन टूल्स लिमिटेड

(एच एम टी लिमिटेड की सम्पूर्ण स्वामित्व वाली संयुक्त सहायक)

(भारत सरकार का एक उपक्रम)

एच एम टी टैलीफोन सी.ओ. नरसपुर रोड

हैदराबाद - 500 054, INDIA

दूरभाष : +91-40-2308 5721, विस्तार : 260

फैक्स : +91-40-2308 5952

प्रशिक्षण केंद्र

ई-मेल : mthtraining@hmtmachinetools.com

वेबसाइट : www.hmtmachinetools.com

hmt

HMT MACHINE TOOLS LIMITED

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Fax : +91-40-2308 5952

TRAINING CENTRE

Email : mthtraining@hmtmachinetools.com

website : www.hmtmachinetools.com

DATE: 11.08.2019

Ref No. : HMT/MTH/T&D/ST-281/19

CERTIFICATE

This is to certify that Mr. SHAIK MUZAFFER (Reg No.16E31A0334), B.TECH in MECHANICAL ENGINEERING, 4th Year 1st Semester student of MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY, Bandlaguda Near DLRL, HYDERABAD has undergone an "Internship" Training from 28.07.2019 to 11.08.2019 in our organization.

During the above period, he was regular and his code of conduct was found to be good.

We wish him all the best for all the success in the future endeavors.



For HMT Machine Tools Limited

Charoo
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyderabad-500 054

Charoo
(Charoo Prabhakar)

DGM (TR)

CHAROO PRABHAKAR
Deputy General Manager (TR)
HMT MACHINE TOOLS LIMITED
Hyderabad-500 054.



Ref: TLMAL/19-20/Int-017

Date: 20-07-2019

TO WHOMSOEVER IT MAY CONCERN

Sub: Completion of Internship

This is to certify that Mr. Amirinani Anil Kumar has successfully completed his Internship in **Quality Department** at **TATA Lockheed Martin Aero Structures Limited, Hyderabad** from **20-06-2019** to **20-07-2019**.

We appreciate his valuable contribution and wish him all the very best in his future endeavors.

For **TATA Lockheed Martin Aero Structures Limited**,

Bhaskar Bordoloi
Deputy Manager (HR)

Kanishk
PRINCIPAL
M.A. SURESH
INSTITUTE OF ENGINEERING & TECHNOLOGY
BANGALURU, HYD-500 005.

ISO 9001 : 2015 UNIT

lms

ASSESSMENTS
ACCREDITATION



ISO 9001 : 2015 Cert.No.: IN112158A
आई एम टी 9001 : 2015 प्रमाणपत्र संख्या : IN112158A

RIGHT TO INFORMATION

एच एम टी मशीन टूल्स लिमिटेड

(एच एम टी लिमिटेड की सम्पूर्ण स्वामित्ववाली उपकर्मिका)
(भारत सरकार का एक उपक्रम)
एच एम टी टैक्नोलॉजी पी.ओ. नरसपुर रोड
हयराबाद - 500 054, भारत
दूरभाष : +91-40-2308 5721, विस्तार : 260
फैक्स : +91-40-2308 5952
प्रशिक्षण केंद्र

ई-मेल : mthtraining@hmtmachinetools.com
वेबसाइट : www.hmtmachinetools.com

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Fax : +91-40-2308 5952

TRAINING CENTRE

Email : mthtraining@hmtmachinetools.com

website : www.hmtmachinetools.com

DATE: 11.08.2019

Ref No. : HMT/MTH/T&D/ST-277/19

CERTIFICATE

This is to certify that Mr. MOHAMMED LUQMAN ZAKI (Reg No.16E31A0364), B.TECH in MECHANICAL ENGINEERING, 4th Year 1st Semester student of MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY, Bandlaguda Near DLRL, HYDERABAD has undergone an "Internship" Training from 28.07.2019 to 11.08.2019 in our organization.

During the above period, he was regular and his code of conduct was found to be good.

We wish him all the best for all the success in the future endeavors.

For HMT Machine Tools Limited



Charu
(Charoo Prabhakar)

CHAROO PRABHAKAR
Deputy General Manager (TR)
HMT MACHINE TOOLS LIMITED
Hyderabad-500 054.

Harsh
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



संयुक्त रेलवे

INDIAN RAILWAYS

डीजल लोको शेड मौलाली हैदराबाद

DIESEL LOCO SHED, MOULA-ALI, HYDERABAD

प्रमाणपत्र CERTIFICATE

This is to certify that Mr.M.NARENDRA (17E35A0313) has completed 4 year 1st semester in Mechanical Engineering at Mahaveer Institute of Science & Technology, Bandlaguda done "Mini Project" on "**BRAKING CAPACITY OF DIESEL LOCOMOTIVES**" at Diesel Loco Shed, Moula-Ali, Secunderabad, South Central Railway from 19-07-2019 to 05-08-2019 under the guidance of Sri.S.Subhash Nagnath, SSE/DLS/MLY for partial fulfillment of Bachelor Degree award.

Dt.05-08-2019

Handwritten signature
**PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.**

Handwritten signature
05/08/19
(ए सुरेंद्र)
(A.SURENDER)
सहायक मंडल / डी / मौलाली
ADME/DSL/MLY
Assistant Divisional Mechanical Engineer
डीजल लोको शेड
DIESEL LOCO SHED
ए. म. रेलवे, मौलाली,
S.C. Railway, Moula-Ali



भारतीय रेल
INDIAN RAILWAYS
डीजल लोको शेड, मौलाली, हैदराबाद
DIESEL LOCO SHED, MOULA-ALI, HYDERABAD

प्रमाणपत्र CERTIFICATE

This is to certify that Mr.K.KARTHIK (17E35A0309) studying B-Tech 4th year 1st semester in Mechanical Engineering at Mahaveer Institute of Science & Technology, Bandlaguda done "Mini Project" on "**BRAKING CAPACITY OF DIESEL LOCOMOTIVES**" at Diesel Loco Shed, Moula-Ali, Secunderabad, South Central Railway from 19-07-2019 to 05-08-2019 under the guidance of Sri.S.Subhash Nagnath, SSE/DLS/MLY for partial fulfillment of Bachelor Degree award.

Dt.05-08-2019

Handwritten signature
**PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.**

Handwritten signature
(एसुरेंडर) 05/08/19
(A.SURENDER)
समंयांड/डी /मौलाली
ADME/DLS/MLY
Assistant Divisional Mechanical Engineer
डीजल लोको शेड
DIESEL LOCO SHED
ब. न. रेलवे, मौला अली.
S C Railway, Moula-Ali



भारतीय रेल
INDIAN RAILWAYS
डीजल लोको शेड, मौलाली, हैदराबाद
DIESEL LOCO SHED, MOULA-ALI, HYDERABAD

प्रमाणपत्र CERTIFICATE

This is to certify that Mr.A.SHIVA (16E31A0345) studying B-Tech 4th year 1st semester in Mechanical Engineering at Mahaveer Institute of Science & Technology, Bandlaguda done "Mini Project" on "**BRAKING CAPACITY OF DIESEL LOCOMOTIVES**" at Diesel Loco Shed, Moula-Ali, Secunderabad, South Central Railway from 19-07-2019 to 05-08-2019 under the guidance of Sri.S.Subhash Nagnath, SSE/DLS/MLY for partial fulfillment of Bachelor Degree award.

Dt.05-08-2019

Handwritten signature
PRINCIPAL
M.A. MAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
BANDLAGUDA, HYD-500 005.

Handwritten signature
05/08/19
(ए सुरेंद्र)
(A.SURENDER)
समयांड/डी /मौलाली
ADME/DLS/MLY
Assistant Divisional Mechanical Engineer
डीजल लोको शेड
DIESEL LOCO SHED
ए. न. रेलवे, मौला अली.
S C Railway, Moula-Ali.



SOUTH CENTRAL RAILWAY
(INDIAN RAILWAYS)

CERTIFICATE


This is to certify that PONNURU UPENDRA Roll No. 16E31A0327 student of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY pursuing B.Tech has successfully completed mini project for the duration of 15 days from 01 /07/2019 to 15/07/2019 for the academic year 2019-2020.

The title of his project is BRAKING SYSTEM IN RAILWAY COACHES and was carried under the guidance of Shri M.SUBBA RAO, Senior Section Engineer in Coaching Depot, South Central Railway, Secunderabad.

His conduct during this period was Satisfactory.


M.SUBBA RAO
SSS, C&W, SC


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.


P. MOHAN SUBHASH
Coaching Depot Officer

Coaching Depot, Secunderabad
2019-2020
2019-07-15
P. 112

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms N. TEJASWI
(Name of the student(s))

students of IV YEAR, I SEM of Institute MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY
(Year/Semester) (Name of the Institute)

has/have completed MINI PROJECT
(Project Work (with title)/Internship/in-plant training/Familiarization)

from 3/06/2019 to 2/07/2019 at AVIONICS
(with a period less than 04 (four) months)

at HAL, Hindustan Aeronautics Limited, Hyderabad 500042, required in partial fulfilment of the academic course under the guidance of the undersigned. Their/ His/ Her conduct was good during the period of MINI PROJECT
(Project Work (with title)/Internship/in-plant training/Familiarization)

This does not amount to job experience.

Date: 02/07/19

K. Srinivas
PRINCIPAL
MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY
Barakapeta, Hyd-500 005.

Sagar S
Signature of the Guide
सगर एस | SAGAR.S
B.Eng. (INT) / SM (MEG), 105444
HAL Hyderabad
(Name of the Guide)

Designation/ Department

- Guide should give the certificate to student for the format only
- Contact Chief Manager (Training) (BAX 2280) or Manager (Training) (BAX 2281) for clarification
- HAL LETTER HEAD SHOULD NOT BE USED



भारतीय रेल
INDIAN RAILWAYS
डीजल लोको शेड, मौलाली, हैदराबाद
DIESEL LOCO SHED, MOULA-ALI, HYDERABAD

प्रमाणपत्र CERTIFICATE

This is to certify that Mr. J. SAI KUMAR (17E35A0306) studying B-Tech 4th year 1st semester in Mechanical Engineering at Mahaveer Institute of Science & Technology, Bandlaguda done "Mini Project" on "**POWER GENERATION SYSTEM TO LOCOMOTIVE ENGINE**" at Diesel Loco Shed, Moula-Ali, Secunderabad, South Central Railway from 19-07-2019 to 05-08-2019 under the guidance of Sri. S. Subhash Nagnath, SSE/DLS/MLY for partial fulfillment of Bachelor Degree award.

Dt. 05-08-2019

K. S. S.
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyderabad - 500 005

Surender
05/08/19
(ए.सुरेंद्र)
(A. SURENDER)
समयाई/डी /मौलाली
ADME/DSL/MLY



TELANGANA STATE POWER GENERATION CORPORATION LIMITED
(SRISAILAM LEFT BANK POWER HOUSE)

CERTIFICATE

... "STUDY OF RECIPROCATING AIR
COMPRESSOR", SRISAILAM LEFT BANK HYDRO ELECTRIC SCHEME" is a bonafide

Work accomplished by

S RAGHAVENDRA REDDY

17E35A0319

In partial fulfillment of the requirement for award of Bachelor of degree in
"MECHANICAL ENGINEERING" MHVR-Hyderabad, is a record work carried out under
my guidance and supervision during the period from Dt:03.06.2019 to 17.06.2019.

D.Ramesh
MR. D.RAMESH
Assistant Division Engineer,
Mech. Maintenance Sub-Division-I
SLBHES, TSGENCO

Asst. Divisional Engineer
Mech. Maintenance Sub Div-I
TSGENCO, SLBHES
SRISAILAM DAM WEST-509 326.

M. Muralidhar Rao
MR. M.MURALIDHAR RAO
Divisional Engineer, 17/6/2019.
Mech. Maintenance Division
SLBHES, TSGENCO

Divisional Engineer
Mech. Maintenance Division
TSGENCO, SLBHES
SRISAILAM DAM WEST 509 326.

Maha Veer
**PRINCIPAL
MAHA VEER**
INSTITUTE OF SPACE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



TELANGANA STATE POWER GENERATION CORPORATION LIMITED
(SRISAILAM LEFT BANK POWER HOUSE)


CERTIFICATE

This is to certify that the Project entitled "STUDY OF RECIPROCATING AIR COMPRESSOR", SRISAILAM LEFT BANK HYDRO ELECTRIC SCHEME" is a bonafide

Work accomplished by

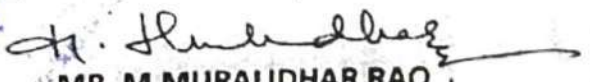
B.VENKATA SAI **17E35A0303**

In partial fulfillment of the requirement for award of Bachelor of degree in "MECHANICAL ENGINEERING" MHVR-Hyderabad, is a record work carried out under my guidance and supervision during the period from Dt:03.06.2019 to 17.06.2019.


MR. D.RAMESH
Assistant Division Engineer,
Mech. Maintenance Sub-Division-I
SLBHES, TSGENCO

Asst. Divisional Engineer
Mech. Maintenance Sub Div-I
TSGENCO, SLBHES
SRISAILAM DAM WEST-509 326.

Handwritten signature
SRISAILAM


MR. M.MURALIDHAR RAO
Divisional Engineer, 17/6/2019
Mech. Maintenance Division
SLBHES, TSGENCO

Divisional Engineer
Mech. Maintenance Division
TSGENCO, SLBHES
SRISAILAM DAM WEST-509 326



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रापुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 19221/मन/11/11

Date: / /

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. T. Vinay Reddy
_____ with college id no: 126126
studying in Mahaveer Engineering College
pursuing B.E/B.Tech/MBA in Mechanical Engineering
discipline had undergone project training from 04-06-2017
to 11-07-2017. The title of the project as per our records is
Steady of steam turbine and its
Construction

K. Srinivas
PRINCIPAL
MAHAVEER ENGINEERING COLLEGE
INSTITUTE OF ENGINEERING & TECHNOLOGY
HYDERABAD-500 005.

[Signature]
Project training in-charge

ISO 9001 : 2015 UNIT

LMS
ASSESSMENTS
ACCREDITATION



ISO 9001 : 2015 Cert.No.: IN112158A
ईसो 9001 : 2015 प्रमाणपत्र संख्या : IN112158A

RIGHT TO INFORMATION

एच एम टी मशीन टूल्स लिमिटेड

(एच एम टी लिमिटेड की सम्पूर्ण स्वामित्वधीन प्रत्युत्पत्ती)

(भारत सरकार का एक उपक्रम)

एच एम टी इंगलिस की.ओ. नरसपुर रोड
हैदराबाद - 500 054. भारत

दूरभाष : +91-40-2308 5721, विस्तार : 260

फैक्स : +91-40-2308 5952

प्रशिक्षण केन्द्र

ई-मेल : mthtraining@hmtmachinetools.com

वेबसाइट : www.hmtmachinetools.com

HMT MACHINE TOOLS LIMITED

(A Wholly owned Subsidiary of HMT Limited)

(A Government of India Undertaking)

HMT Township P.O., Narsapur Road,
Hyderabad-500 054. INDIA

Phone : +91-40-23085721, Extn : 260

Fax : +91-40-2308 5952

TRAINING CENTRE

Email : mthtraining@hmtmachinetools.com

website : www.hmtmachinetools.com

DATE: 11.08.2019

Ref No. : HMT/MTH/T&D/ST-278/19

CERTIFICATE

This is to certify that Mr. MOHAMMED SHAREEF JAVEED (Reg No.16M31A0315), B.TECH in MECHANICAL ENGINEERING, 4th Year 1st Semester student of MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY, Bandlaguda Near DLRL, HYDERABAD has undergone an "Internship" Training from 28.07.2019 to 11.08.2019 in our organization.

During the above period, he was regular and his code of conduct was found to be good.

We wish him all the best for all the success in the future endeavors.

For HMT Machine Tools Limited



Charoo
(Charoo Prabhakar)

DGM (TR)

CHAROO PRABHAKAR

Deputy General Manager (TR)

HMT MACHINE TOOLS LIMITED

Hyderabad-500 054

Charoo
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 008.

Dr. G. RAJA SINGH THANGADURAI
SCIENTIST 'G'
Project Director, PJ-10 (DAV)



GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEFENCE R&D ORGANISATION
DEFENCE RESEARCH AND
DEVELOPMENT LABORATORY
P.O. Kanchanbagh, Hyderabad - 500 058
T.S. INDIA

CERTIFICATE

This is to certify **Mr. G. VENUGOPAL (Reg. No. 16E31A0306)** bonafide B.Tech (Mech) student at Mahaveer Institute of Science & Technology, Hyderabad has satisfactorily completed the Internship Programme on **"Mechanical Integration and Dynamic Testing of Typical Supersonic Cruise Missile"** under my supervision at **D.R.D.L. Hyderabad**.

He had the orientation programme focused towards familiarization in Design & Development of various Missile Systems especially in the areas of Missile Assembly & Integration, CG Measurements and Vibration Testing etc..

His performance was excellent throughout the course of Internship and the passion to learn new technologies is appreciable.

(Dr. G. Raja Singh Thangadurai)

Dr. G. Raja Singh Thangadurai
Dy. Programme Director, PJ-10
DRDL, Ministry of Defence
Hyderabad-500 058

Place : Hyderabad
Date : 18.07.2019



Kanthy
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Kanchanbagh, Hyd-500 058

Dr. G. RAJA SINGH THANGADURAI
SCIENTIST 'G'
Project Director, PJ-10 (DAV)



GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEFENCE R&D ORGANISATION
DEFENCE RESEARCH AND
DEVELOPMENT LABORATORY
P.O. Kanchanbagh, Hyderabad - 500 058
TS INDIA

CERTIFICATE

This is to certify **Mr. PUNEETRAJ CHAVAN (Reg. No. 16E31A0329)** bonafide B.Tech (Mech) student at Mahaveer Institute of Science & Technology, Hyderabad, who satisfactorily completed the Internship programme titled "Mechanical Integration and Dynamic Testing of Typical **Supersonic Cruise Missile**" during the period 01st July 2019 to 18th July 2019 under my supervision at **D.R.D.L., Hyderabad.**

He had the orientation programme focused towards familiarization in Design & Development of various Missile Systems especially in the areas of Missile Assembly & Integration, CG Measurements and Vibration Testing etc.

His performance was excellent throughout the course of Internship and the passion to learn new technologies is appreciable.

Place : Hyderabad
Date : 18.07.2019

(Dr. G. Raja Singh Thangadurai)

Dr. G. Raja Singh Thangadurai
Dy. Programme Director, PJ-10
DRDL, Ministry of Defence
Hyderabad 500 058



Kanhu
PRINCIPAL
MAHAJEEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Kandlakota, Hyd-500 005.



भारतीय रेल

INDIAN RAILWAYS

डीजल लोको शेड, मौलाली, हैदराबाद

DIESEL LOCO SHED, MOULA-ALI, HYDERABAD

प्रमाणपत्र CERTIFICATE

This is to certify that Mr.K.SAI TEJA (15E31A0324) studying B-Tech 4th year 1st semester in Mechanical Engineering at Mahaveer Institute of Science & Technology, Bandlaguda done "Mini Project" on "BRAKING CAPACITY OF DIESEL LOCOMOTIVES" at Diesel Loco Shed, Moula-Ali, Secunderabad, South Central Railway from 19-07-2019 to 05-08-2019 under the guidance of Sri.S.Subhash Nagnath, SSE/DLS/MLY for partial fulfillment of Bachelor Degree award.

Dt.05-08-2019

Kanthy
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECH.
Bandlaguda, Hyd-500 085.

Surender
05/08/19
(ए सुरेंद्र)
(A.SURENDER)
समयांड/डी /मौलाली
एडमि/डी/एमएल
ADME/DLS/MLY
Assistant Divisional Mechanical Engineer
डीजल लोको शेड
DIESEL LOCO SHED
ए. न. रेल्वे, मौला अली.
S C Railway Moula-Ali

Dr. G. RAJA SINGH THANGADURAI
Programme Director, PJ-10 (DAV)



GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEFENCE R&D ORGANISATION
DEFENCE RESEARCH AND
DEVELOPMENT LABORATORY
P.O. Kancharbagh, Hyderabad - 500 058
T.S. INDIA

CERTIFICATE

This is to certify Mr. RACHAKONDA VAYUPUTHRA (Reg. No. 16E31A0331) candidate B.Tech (Mech) student at Mahaveer Institute of Science & Technology, Hyderabad, who has satisfactorily completed the Internship Programme on "Mechanical Integration and Dynamic Testing of Typical Supersonic Cruise Missile" during the period 01st July 2019 to 18th July 2019 under my supervision at D.R.D.L., Hyderabad.

He had the orientation programme focused towards familiarization in Design & Development of various Missile Systems especially in the areas of Missile Assembly & Integration, CG Measurements and Vibration Testing etc.

His performance was excellent throughout the course of Internship and the passion to learn new technologies is appreciable.

Place Hyderabad
18/07/2019

(Dr. G. Raja Singh Thangadurai)

Dr. G. Raja Singh Thangadurai
Dy. Programme Director, PJ-10
DRDL, Ministry of Defence
Hyderabad-500 058



Kanthy
PROFESSOR
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Barakaguda, Hyd-500 005.




SOUTH CENTRAL RAILWAY
[INDIAN RAILWAYS]

CERTIFICATE


This is to certify that NSRIKANTH BILLOD Roll No. 16E31A0323 student of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY pursuing B.Tech has successfully completed mini project for the duration of 15 days from 01/07/2019 to 15/07/2019 for the academic year 2019-2020.

The title of his project is BRAKING SYSTEM IN RAILWAY COACHES and was carried under the guidance of Shri M.SUBBA RAO, Senior Section Engineer in Coaching Depot, South Central Railway, Secunderabad.

His conduct during this period was Satisfactory.


M.SUBBARAO
SSE/C&W/SC


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.


P.MOHAN SUBHASH
Coaching Depot Officer



SOUTH CENTRAL RAILWAY
 (SOUTH CENTRAL RAILWAYS)

CERTIFICATE

This is to certify that **GADHILIVAMNIBH FRISHINA** Roll No. **16E31A0308** student of **MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY** has successfully completed their project for the duration of **01/07/2019 to 30/06/2020** for the year **2019-2020**.

The title of his project is **BRAKING SYSTEM IN RAILWAY COACHES** and was carried under the guidance of **Shri M SUBBA RAO** Senior Section Engineer in Coaching Depot, South Central Railway, Secunderabad.

His conduct during this period was Satisfactory.

M SUBBA RAO
 Sr. Secy

Kishu
PRINCIPAL
MAHAVEER
 INSTITUTE OF SCIENCE & TECHNOLOGY
 Hanamangudi, Hyd-500 005.

P MOHAN SUBHASH
 Coaching Depot Office



TELANGANA STATE POWER GENERATION CORPORATION LIMITED
(SRISAILAM LEFT BANK POWER HOUSE)

CERTIFICATE

This is to certify that the Project entitled "STUDY OF RECIPROCATING AIR
COMPRESSOR FOR SRISAILAM LEFT BANK HYDROELECTRIC SCHEME" is a bonafide

Work accomplished by

V.NIKHIL KUMAR

16E31A0378

In partial fulfillment of the requirement for award of Bachelor of degree in
"MECHANICAL ENGINEERING" MHVR-Hyderabad, is a record work carried out under
my guidance and supervision during the period from Dt:03.06.2019 to 17.06.2019.

[Signature] 05.19
MR. D.RAMESH
Assistant Division Engineer,
Mech. Maintenance Sub-Division-I
SLBHES, TSGENCO

Asst. Divisional Engineer
Mech. Maintenance Sub Div-I
TSGENCO, SLBHES
SRISAILAM DAM WEST-509 326.

[Signature]
MR. M.MURALIDHAR RAO
Divisional Engineer, 17/6/19
Mech. Maintenance Division
SLBHES, TSGENCO

Divisional Engineer
Mech. Maintenance Division
TSGENCO, SLBHES
SRISAILAM DAM WEST-509 326.

Kanhy
**PRINCIPAL
MAHAVEER**
INSTITUTE OF SCIENCE & TECHNOLOGY
Kandlakurda, Hyd-500 005.



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रापुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 12E N661181

Date : 11-07-2019.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. Pulugani Jagadeeshwar Reddy.

_____ with college id no: 16E3140367.

studying in Mahaveer Institute of Science and Technology

pursuing B.E/B.Tech/MBA in Mechanical Engineering.

discipline had undergone project training from 27-06-2019

to 11-07-2019. The title of the project as per our records is

Study of Steam turbines and its construction.

Handwritten signature
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

Handwritten signature

डी. मनोज कुमार
D. MANOJ KUMAR
प्रशिक्षण एवं आर डी डिवीजन
Project training In-charge
रामचंद्रापुरम, हैदराबाद-502032

ISO 9001:2015 UNIT



HMT MACHINE TOOLS LIMITED
(A Govt. of India Undertaking)
Machine Tool Division,
Balanagar, Narsapur Road,
Hyderabad - 500 054, India
Phone : 91-040- 23087971/2308572. Ext.: 260
Fax : 91-040-23085952
E-mail : mhttraining@hmtmachinetools.com
Visit us : www.hmtmachinetools.com

DATE: 27.06.2019

Ref No. : HMT/MTH/HR-T&D/ST-235/19

CERTIFICATE

This is to certify that Mr. MAKHIL TEJA (Reg' no: 1613EAD0362),
B.Tech in MECHANICAL ENGINEERING, 4th year 1st Semester
student of MAHAVEER INSTITUTE OF SCIENCE &
TECHNOLOGY, BANDALAGUDA, HYDERABAD, has undergone
an "MINI PROJECT" on "STUDY OF DESIGN AND
MANUFACTURING OF CASTING PROCESS" from 13.06.2019
to 27.06.2019 in our organization.

During the above period, he was regular and his code of conduct was
found to be good and Appreciable.

We wish him all the best for all the success in the future endeavors.

For HMT Machine Tools Limited



Charu
(Charoo Prabhakar)
DGM (TR)

Kanhu
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

ISO 9001:2015 UNIT



HMT MACHINE TOOLS LIMITED
(A Govt. of India Undertaking)
Machine Tool Division
Balanagar, Narsapur Road,
Hyderabad - 500 054, India
Phone : 91-040- 23087971/2308572, Ext. 260
Fax : 91-040-23085952
E-mail : mthtraining@hmtmachinetools.com
Visit us : www.hmtmachinetools.com

DATE: 27.06.2019

Ref No. : HMT/MTH/HR-T&D/ST-238/19

CERTIFICATE

This is to certify that Mr. K.RAJASHEKAR REDDY (RegNo.16E31A0356), B.Tech in MECHANICAL ENGINEERING, 4th year 1st Semester student of MAHAVIEER INSTITUTE OF SCIENCE & TECHNOLOGY, BANDALAGUDA, HYDERABAD, has undergone an "MINI PROJECT" on "STUDY OF DESIGN AND MANUFACTURING OF CASTING PROCESS" from 13.06.2019 to 27.06.2019 in our organization.

During the above period, he was regular and his code of conduct was found to be good and Appreciable.

We wish him all the best for all the success in the future endeavors.

For HMT Machine Tools Limited



Charoo
(Charoo Prabhakar)
DGM (TR)

Kanubh
PRINCIPAL
MAHA VEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



भारतीय रेल
INDIAN RAILWAYS
डीजल लोको शेड, मौलाली, हैदराबाद
DIESEL LOCO SHED, MOULA-ALI, HYDERABAD

प्रमाणपत्र CERTIFICATE

This is to certify that Mr.K.SHRAVAN (16E31A0358) studying in 3rd year 1st semester in Mechanical Engineering at Mahaveer Institute of Science & Technology, Bandlaguda done "Mini Project" on "**POWER GENERATION SYSTEM TO LOCOMOTIVE ENGINE**" at Diesel Loco Shed, Moula-Ali, Secunderabad, South Central Railway from 19-07-2019 to 05-08-2019 under the guidance of Sri.S.Subhash Nagnath, SSE/DLS/MLY for partial fulfillment of Bachelor Degree award.

Dt.05-08-2019

Khandy
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

Surend
05/08/19
(A. SURENDER)
Assistant Engineer
सहायक इंजीनियर
समयांश/डी/मौलाली
ADME/DSL/MLY
DIESEL LOCO SHED
व. म. रेल, मौलाली,
S.C. Railway, Moula-Ali

ISO 9001:2015 UNIT

(A Govt. of India Undertaking)
Machine Tool Division,
Balanagar, Narsapur Road,
Hyderabad - 500 054, India
Phone : 91-040- 23087971/2308572, Ext.: 260
Fax : 91-040-23085952
E-mail : mthtraining@hmtmachinetools.com
Visit us : www.hmtmachinetools.com

DATE: 27.06.2019

Ref No. : HMT/MTH/HR-T&D/ST-236/19

CERTIFICATE

This is to certify that Ms.K.ANUSHA REDDY (Reg.No.16E3EAD360),
B.Tech in MECHANICAL ENGINEERING, 4th year 1st Semester
student of MAHAVIEER INSTITUTE OF SCIENCE &
TECHNOLOGY, BANDALAGUDA, HYDERABAD, has undergone
an "MINI PROJECT" on "STUDY OF DESIGN AND
MANUFACTURING OF CASTING PROCESS" from 13.06.2019 to
27.06.2019 in our organization.

During the above period, She was regular and her code of conduct was
found to be good and Appreciable.

We wish her all the best for all the success in the future endeavors.

For HMT Machine Tools Limited



Charoo
(Charoo Prabhakar)
DGM (TR)

Kanishk
27/06/2019

ISO 9001:2015 UNIT



HMT MACHINE TOOLS LIMITED
A Govt. of India Undertaking
Machine Tool Division,
Balanagar, Narsapur Road,
Hyderabad - 500 054, India
Phone : 91-040-23087971/2308572, Ext.: 260
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E-mail : mthtraining@hmtmachinetools.com
Visit us : www.hmtmachinetools.com

DATE: 27.06.2019

Ref No. : HMT/MTH/HR-T&D/ST-237/19

CERTIFICATE

This is to certify that Mr.V.SHIVA KUMAR REDDY (RegNo.16E31A0377), B.Tech in MECHANICAL ENGINEERING, 4th year 1st Semester student of MAHAVIEER INSTITUTE OF SCIENCE & TECHNOLOGY, BANDALAGUDA, HYDERABAD, has undergone an "MINI PROJECT" on "STUDY OF DESIGN AND MANUFACTURING OF CASTING PROCESS" from 13.06.2019 to 27.06.2019 in our organization.

During the above period, he was regular and his code of conduct was found to be good and Appreciable.

We wish him all the best for all the success in the future endeavors.

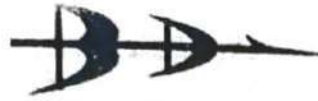
For HMT Machine Tools Limited



Charoo
(Charoo Prabhakar)
DGM (TR)

K. Srinivas
PRINCIPAL
MAHAVIEER INSTITUTE OF SCIENCE & TECHNOLOGY
Bandalaguda, Hyd-500 015.

क्र.सं. S.No. 93765



भारत डायनामिक्स लिमिटेड
BHARAT DYNAMICS LIMITED
(भारत सरकार का उद्यम A Govt. of India Enterprise)
रक्षा मंत्रालय Ministry of Defence

कंचनबाग Kanchanbagh :: हैदराबाद Hyderabad – 500058.

प्रणाली प्रौद्योगिकी तथा प्रबंधन संस्थान
INSTITUTE OF SYSTEMS, TECHNOLOGY AND MANAGEMENT

वर्ष Year 2019



Skill India

पंजीकरण संख्या Regd. No. 477

परियोजना प्रमाण-पत्र PROJECT CERTIFICATE

सुश्री/श्री

Ms./Mr. ISHRATH UNNISA BEGUM

पुत्री/पुत्र श्रीमती एवं श्री

Daughter/Son of Smt. AZRA FATIMA Shri MIR MOHAMMED ALI

कॉलेज/संस्थान

College/Institute MAHAVEER INSTITUTE OF SCIENCE & TECH.

विषय/क्षेत्र

Subject/Discipline MECHANICAL

वर्ष/सेमिस्टर

Year/Semester IV/1st

परियोजना कार्य/प्रशिक्षण कार्य

has completed Project Work / Training on QUALITY INSPECTION OF AKASH MISSILE COMPONENTS USING NDT METHODS

Duration 1 MONTH Period from 27/07/2019 to 26/08/2019

के बीच पूर्ण किया है.

इस कार्य के दौरान इन्होंने अध्ययन में पर्याप्त रुचि दिखाई है.
He / She has shown keen interest in learning during the period of Project.

प्रमुख (मा.सं.वि.)
Head (HRD)
सचिवद रफी
SYED RAFFI

PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Kanchanbagh, Hyderabad-500058

प्रभारी, परियोजना कार्य
Incharge, Project Works
टी. पगीन कुमार



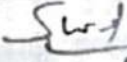
भारतीय रेल
INDIAN RAILWAYS
डीजल लोको शेड, मौलाली, हैदराबाद
DIESEL LOCO SHED, MOULA-ALI, HYDERABAD

प्रमाणपत्र CERTIFICATE

B-Tech 4th year 1st semester in Mechanical Engineering at Mahaveer Institute of Science & Technology, Bandlaguda done "Mini Project" on "POWER GENERATION SYSTEM TO LOCOMOTIVE ENGINE" at Diesel Loco Shed, Moula-Alli, Secunderabad, South Central Railway from 19-07-2019 to 05-08-2019 under the guidance of Sri.S.Subhash Nagnath, SSE/DLS/MLY for partial fulfillment of Bachelor Degree award.

Dt.05-08-2019


**PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.**


(ए.सुरेंद्र) 05/08/19
(A.SURENDER)
सुमयांडी/डी /मौलाली
Assistant D. ADME/DSL/MLY
डीजल लोको शेड
DIESEL LOCO SHED
ए. स. रेलवे, मौला अली
S C. Railway, Moula-Alli



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रपुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 19ENGG3139

Date : 13/07/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. MOHAMMED LUQMAN ZAKI
_____ with college id no: 16E31A0364
studying in MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY
pursuing B.E/B.Tech/MBA in MECHANICAL ENGINEERING
discipline had undergone project training from 29/06/2019
to 13/07/2019. The title of the project as per our records is
MANUFACTURING OF STEAM TURBINE AND
CNC PROGRAMING

K. Sandeep
PRINCIPAL
MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY
Bangalore, Hyd-500 005.

K. Sandeep
Project training in-charge
K.N. SANDEEP



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
 रामचंद्रापुरम, हैदराबाद
 मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: HEN/HRD/1181

Date : 11-07 2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. PYATA PRASHANTH KUMAR.

_____ with college id no: 16E31AD370.

studying in Mahaveer Institute of Science and Technology.

pursuing B.E/B.Tech/MBA in Mechanical Engineering

discipline had undergone project training from 27-06-2019

to 11-07-2019. The title of the project as per our records is

Study of Steam turbines and its construction.

K. Srinivas
PRINCIPAL
 MAHAVEER V E R
 Institute of Science & Technology
 Bandlaguda, Hyderabad-500 046

S. Pradeep Kumar
S. PRADEEP KUMAR
 Project training in-charge

Project training in-charge
 HRD
 BHEL
 Hyderabad



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रापुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 19ENG61181

Date: 11-07-2019.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. Bagi Vijender Reddy.

with college id no: 16E31A0346

studying in MahaVeer Institute of Science and Technology.

pursuing B.E/B.Tech/MBA in Mechanical Engineering.

discipline had undergone project training from 27-06-2019

to 11-07-2019. The title of the project as per our records is

Study of Steam turbines and its construction.

K. Veer
PRINCIPAL
MAHA VEER
MANAGEMENT COLLEGE
Ramachandrapuram, Hyderabad.

डी. मनोज कुमार
D. MANOJ KUMAR
उप अभियंता (एच आर डी डिव्य एच)
Dy Engineer (HRD-WSI)
बीएचईएल, आ सी पुरम, हैदराबाद-32
BHEL R C Puram Hyd-502032

Project training in-charge



SOUTH CENTRAL RAILWAY
(INDIAN RAILWAYS)

CERTIFICATE

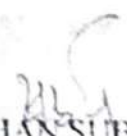
No.16E31A0325 student of MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY pursuing B.Tech has successfully completed mini project for the duration of 15 days from 01/07/2019 to 15/07/2019 for the academic year 2019-2020.

The title of his project is BRAKING SYSTEM IN RAILWAY COACHES and was carried under the guidance of Shri M.SUBBA RAO, Senior Section Engineer in Coaching Depot, South Central Railway, Secunderabad.

His conduct during this period was Satisfactory.


M.SUBBA RAO
SSE C&W SC


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.


P.MOHAN SUBHASH
Coaching Depot Officer

Coaching Depot Officer
Secunderabad

30/07/19 13:40



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रपुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 19 ENG/HR/2128

Date: 3-07-2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. MOHAMMED MUBEEN
QURESHI with college id no: 16E31A0318
studying in MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY
pursuing B E/B.Tech/MBA in MECHANICAL ENGINEERING
discipline had undergone project training from 29-06-2019
to 13-07-2019. The title of the project as per our records is
MANUFACTURING OF STEAM TURBINE &
CNC PROGRAMMING

K. S. S.
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

Project Training In-charge



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रापुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: _____

Date: 02-07-2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms./Mrs. LELA MAHENDRA KUMAR
_____ with college id no: 16E31AD352
studying in MAHARAJA INSTITUTE OF SCIENCE & TECHNOLOGY
pursuing B.E/B.Tech/MBA in MECHANICAL
discipline had undergone project training from 02/07/2019
to 10/07/2019. The title of the project as per our records is
STEAM TUBELINE ASSEMBLY

Kanthy
MANAGER
HUMAN RESOURCE & TECHNOLOGY
RAMACHANDRAPURAM, HYD-502032

Krishna Reddy
Project Training In-charge
K. KRISHNA REDDY
Asst. Engineer (REC) HR
BHEL, HYD-32



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
रामचंद्रापुरम, हैदराबाद
मानव संसाधन विकास केंद्र



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-502032
Human Resource Development Centre

Ref No: 19ENGG3373

Date: 16/07/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that ✓ Mr./Ms./Mrs. Akash M. Subramani
with college id no: 16F31A03A3
studying in Mahaveer Institute of Science and Technology
pursuing B.E/B.Tech/MBA in Mechanical
discipline had undergone project training from 02/07/2019
to 16/07/2019. The title of the project as per our records is
Steam Turbine Assembly

K. Srinivas
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.

K. Srinivas
Project training In-charge
A KRISHNA REDDY
Asst. Eng. (HRD) BHEL, HYD-32

Dr. G. RAJA SINGH THANGADURAI
SCIENTIST 'G'
Project Director, PJ-10 (DAV)



GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEFENCE R&D ORGANISATION
DEFENCE RESEARCH AND
DEVELOPMENT LABORATORY
P.O. Kanchanbagh Hyderabad - 500 058
T.S. INDIA

CERTIFICATE

This is to certify **Mr. GADDI SUDHAMSHU (Reg. No. 16E31A0307)** bonafide B.Tech (Mech) student at Mahaveer Institute of Science & Technology, Hyderabad has satisfactorily completed the Internship Programme on "Mechanical Integration and Dynamic Testing of Typical Supersonic Cruise Missile" during the period 01st July 2019 to 18th July 2019 under my supervision at **D.R.D.L., Hyderabad.**

He had the orientation programme focused towards familiarization in Design & Development of various Missile Systems especially in the areas of Missile Assembly & Integration, CG Measurements and Vibration Testing etc.

His performance was excellent throughout the course of Internship and the passion to learn new technologies is appreciable.

(Dr. G. Raja Singh Thangadurai)

Place : Hyderabad
Date : 18.07.2019

Dr. G. Raja Singh Thangadurai
Dy. Programme Director, PJ-10
DRDL, Ministry of Defence
Hyderabad-500 058



Handwritten signature
PROJECT DIRECTOR
MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY
HYDERABAD - 500 058

e 040-2408 7029, 2408 7030

Fax 040-2408 7006

e-mail grsing@drdl.dr



Government of India
Ministry of Defence

Ordnance Factory Medak

Yeddumailaram, Dist. Sangareddy - 502 205, T.S.

Phone : 040-23283475, 040-23283467

Fax : 08455-239074 & 040-23292950

No. 16401/DFMK/HRD/IN-PLANT/2019-2020

Date : 24-7-2019

MAJOR PROJECT/MINI PROJECT/IN-PLANT/INTERNSHIP TRAINING CERTIFICATE

This is to certify that the following individual has undergone Major Project/Mini Project/In-Plant/Internship Training at this organization. The Details are as follows :

1. Name of the Candidate : PATHAKOTI JAGADISH
2. Father's Name : PATHAKOTI BABU RAO (LATE)
3. Branch/Year of Student : B.Tech (MECH) 4th YEAR
4. Candidate Roll No. : 16E31AD368
5. Name of the Institute : MAHAVEER INSTITUTE OF SCI & TECH
6. Training Period : 10-7-2019 to 24-7-2019
7. No. of Days Present : 15 days

During the training period her/his conduct was VERY GOOD/GOOD



Kanhu
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bangalore, Hyd-500 005.

B. Chary
P. BHEESHMA CHARY
Junior Work Manager
Govt. of India, Ministry of Defence
ORDNANCE FACTORY MEDAK
YEDDUMAILARAM
HOS/JWM/HRD



SOUTHCENTRALRAILWAY
[INDIAN RAILWAYS]

CERTIFICATE

This is to certify that TEJAVATH SRIVANSHI RAO
No. 16E31A0337 student of MAHAVEER INSTITUTE OF SCIENCE AND
TECHNOLOGY pursuing B.Tech has successfully completed mini project for
the duration of 15 days from 01/07/2019 to 15/07/2019 for the academic year
2019-2020.

The title of his project is BRAKING SYSTEM IN
RAILWAY COACHES and was carried under the guidance of Shri M.SUBBA
RAO, Senior Section Engineer in Coaching Depot, South Central Railway,
Secunderabad.

His conduct during this period was Satisfactory.

M.SUBBARAO
Senior Section Engineer

Kalyan
PRINCIPAL
MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY
WATKINS ROAD, HYDRABAD

P. MOHAN SUBHASH
Coaching Depot Officer



राष्ट्रीय लघु उद्योग निगम - तकनीकी सेवा केंद्र
THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
TECHNICAL SERVICES CENTRE



पंजीकृत / Registered: A Government Undertaking
 एन.एस.आई.सी. भवन, एन.एस.आई.सी. बिल्डिंग, 500005 हैदराबाद, तेलंगणा, भारत
 N.S.I.C. House, N.S.I.C. Building, 500005 Hyderabad, Telangana, India

सं. नं. / No. 151232

दिनांक / Date 10/07/2018

Certificate

I do certify that Mr / Ms Bhoomen Narendhar pursuing B.Tech in Mech
 daughter of Mr. B Bhoomalah Ice & Technology
 of Mahaveer Institute of Science & Technology
15E31A0310 has successfully completed the Internship Program
 in the area of Refrigeration, Air Conditioning, Welding and
Insulation(NDT)

Since it is a bonafide work carried out by her/him from 28/05/2018 to 08/07/2018
 has completed the assigned duties as per the requirements within the time frame
 the above period, the trainer's overall assessment of the subject was found Good

Project Coordinator

MAHAVEER
 PRINCIPAL
 INSTITUTE OF SCIENCE & TECHNOLOGY
 Hyderabad, Hyd-500 005.

Centre Head



To
The Head of the Department,
Electronics & Communication Engineering
Mahaveer Institute of Science & Technology,
Vyasa Puri, Chandrayangutta,
Hyderabad, Telangana 500005.

INTERNSHIP CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. PIDIKIRALA RAKESH KUMAR**, Roll Number – **(16E31A0488)**, who is pursuing **Electronics & Communication Engineering**, Department at **Mahaveer Institute of Science & Technology** successfully completed his Internship program at **Conscience Technologies** on **Automatic car parking slot indicator in shopping malls/apartments** and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and his performance was good.

Duration: 06/05/2019 to 08/07/2019

Yours truly,

(Project Manager)



Kanhu
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



To
The Head of the Department,
Electronics & Communication Engineering,
Mahaveer Institute of Science & Technology,
Vyasa Puri, Chandrayangutta,
Hyderabad, Telangana 500005.

INTERNSHIP CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. NEELA JASHWANTH**, Roll Number – (16E31A0487), who is pursuing **Electronics & Communication Engineering**, Department at **Mahaveer Institute of Science & Technology** successfully completed his Internship program at **Conscience Technologies Pvt Ltd** on **Wireless Notice board using Android Technology** and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and his performance was good.

Duration: 06/05/2019 to 08/07/2019

Yours truly,

(Project Manager)



K. Srinivas

PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005

PANHYD/INT/DM/08081

To

The Head of the Department,
Information Technology,
Mahaveer Institute of Science & Technology,
Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

INTERNSHIP CERTIFICATE
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. G .Arun kumar(16E31A1211) & N.Tejashwini (16E31A1217) who is pursuing Information Technology, Department at Mahaveer Institute of Science & Technology she successfully completed her Internship program at; Pantech Solutions Pvt Limited on A Data Mining Based For Detection of Fraudulent Behaviour In Water Consumption and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.

Duration: 18-01-2020 to 15-03-2020

Yours truly,

Pantech Solutions




Srinivasan.N


PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Ranchugutta, Hyd-500 005

PANHYD/INT/ML/08081

To

The Head of the Department,
Information Technology,
Mahaveer Institute of Science & Technology,
Vyasa Puri, Chandrayangutta, Hyderabad, Telangana 500005.

INTERNSHIP CERTIFICATE
TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr./Ms. P. Naga Anusha(16E31A1220) & V. Mahesh(16E31A1229)** who is pursuing **Information Technology**, Department at **Mahaveer Institute of Science & Technology** she successfully completed her Internship program at; **Pantech Solutions Pvt Limited** on **Modeling and predicting cyber hacking breaches** and has submitted the report.

During the Internship program period, the candidate has shown keen interest and commitment towards learning and her performance was good.


Duration: 18-01-2020 to 15-03-2020

Yours truly,

Pantech Solutions



Srinivasan.N



PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.



MAHAVEER INSTITUTE OF SCIENCE & TECHNOLOGY

(Approved by AICTE, Affiliated to JNTU, Hyd)

Vyasapur, Bandlaguda, Post : Keshavgi, Hyderabad - 500005.

DEPARTMENT OF INFORMATION TECHNOLOGY

FIELD TRIP OF STUDENTS TO INFOSYS CAMPUS ON 31ST AUGUST 2019



K. Srinivas
PRINCIPAL
MAHAVEER
INSTITUTE OF SCIENCE & TECHNOLOGY
Bandlaguda, Hyd-500 005.